What is claimed is:

1. A glass composition comprising:

from about 55 mol. % to about 70 mol. % SiO_2;

from about 9 mol. % to about 15 mol. % Al_2O_3;

from about 10 mol. % to about 15 mol. % alkali oxide M_2O, wherein M is at least one of Na and K;

from about 2 mol. % to about 8 mol. % divalent oxide RO, wherein R is at least one of Zn, Ca, and Mg;

from about 8.5 mol. % to about 16 mol. % F^-;

from about 0 mol. % to about 0.3 mol. % SnO_2; and

from about 0 mol. % to about 6 mol. % of colorant, wherein the glass composition is free from As and compounds containing As and spontaneously opalizes during formation or with a post-formation heat treatment.

2. The glass composition of claim 1, wherein the glass composition comprises:

from about 58 mol. % to about 64 mol. % SiO_2;

from about 10 mol. % to about 12 mol. % Al_2O_3;

from about 11 mol. % to about 13 mol. % M_2O;

less than or equal to about 5.5 mol. % RO; and

greater than or equal to about 12.5 mol. % F^-.

3. The glass composition of claim 1, wherein a concentration of the colorant is less than or equal to 2 mol. %.

4. The glass composition of claim 1, wherein the colorant is selected from a group consisting of Fe_2O_3, Cr_2O_3, Co_3O_4, CuO, Au, and V_2O_5.

5. The glass composition of claim 1, wherein M is Na.

6. The glass composition of claim 1, further comprising B_2O_3.

7. The glass composition of claim 1, wherein the glass composition comprises greater than or equal to about 10.5 mol. % F^-.

8. The glass composition of claim 1, wherein the glass composition comprises greater than or equal to about 12.5 mol. % F^-.

9. The glass composition of claim 1, wherein R is Zn.

10. The glass composition of claim 9, wherein a concentration of RO is less than or equal to 5.5 mol. %.

11. A glass article comprising:

a glass core layer disposed between a first glass cladding layer and a second glass cladding layer, wherein the glass core layer is formed from an opal glass composition comprising;

from about 55 mol. % to about 70 mol.% SiO_2;

from about 9 mol. % to about 15 mol. % Al_2O_3;

from about 10 mol. % to about 15 mol. % M_2O, wherein M is at least one of Na and K;

from about 2 mol. % to about 8 mol. % divalent oxide RO, wherein R is at least one of Zn, Ca, and Mg;

from about 8.5 mol. % to about 16 mol. % F^-; and

from about 0 mol. % to about 0.3 mol. % SnO_2, wherein the opal glass composition is free from As and compounds containing As and spontaneously opalizes during formation or with a post-formation heat treatment.

12. The glass article of claim 11, wherein:

the glass core layer has an average core coefficient of thermal expansion CTE_{core}; and

the first glass cladding layer and the second glass cladding layer have an average cladding coefficient of thermal expansion CTE_{clad} which is less than the average core coefficient of thermal expansion CTE_{core}.

13. The glass article of claim 12, wherein the average core coefficient of thermal expansion CTE_{core} is greater than or equal to $75x10^{-7}$/°C averaged over a temperature range from 20°C to 300°C.

14. The glass article of claim 12, wherein the average core coefficient of thermal expansion CTE_{core} is greater than or equal to $85x10^{-7}$/°C averaged over a temperature range from 20°C to 300°C.

15. The glass article of claim 11, wherein the first glass cladding layer and the second glass cladding layer are formed from ion-exchangeable glass.

16. The glass article of claim 11, wherein the first glass cladding layer and the second glass cladding layer are compressively stressed.

17. The glass article of claim 11, wherein the glass core layer further comprises a colorant.

18. The glass article of claim 17, wherein the colorant is present in the glass core layer in a concentration less than about 6 mol.%.

19. The glass article of claim 17, wherein the colorant is present in the glass core layer in a concentration less than or equal to 2 mol. %.

20. The glass article of claim 17, wherein the colorant is selected from a group consisting of Fe_2O_3, Cr_2O_3, Co_3O_4, CuO, Au, and V_2O_5.

21. The glass article of claim 11, wherein the glass core layer comprises:
from about 58 mol. % to about 64 mol. % SiO_2;
from about 10 mol. % to about 12 mol. % Al_2O_3;
from about 11 mol. % to about 13 mol. % M_2O;
less than or equal to about 5.5 mol. % RO; and
greater than or equal to about 12.5 mol. % F^-.

22. The glass article of claim 11, wherein the opal glass composition comprises greater than or equal to about 10.5 mol. % F^-.

23. The glass article of claim 11, wherein the opal glass composition comprises greater than or equal to about 12.5 mol. % F^-.

24. The glass article of claim 11, wherein R is Zn.

25. The glass article of claim 24, wherein a concentration of RO is less than or equal to 5.5 mol. %.

26. The glass article of any one of claims 11 to 25, wherein a first surface of the glass core layer is directly adjacent the first glass cladding layer, and wherein a second surface of the glass core layer is directly adjacent the second glass cladding layer.

27. The glass article of any one of claims 11 to 25, wherein a first diffusive layer is disposed between the first glass cladding layer and the glass core layer.

28. The glass article of claim 27, wherein the average cladding coefficient of thermal expansion of the first diffusive layer has a value between that of an average cladding coefficient of thermal expansion of the core and an average cladding coefficient of thermal expansion of the first clad layer.

29. The glass article of claim 27, wherein a second diffusive layer is disposed between the second glass cladding layer and the glass core layer.

30. The glass article of claim 29, wherein the average cladding coefficient of thermal expansion of the second diffusive layer has a value between that of an average cladding coefficient of thermal expansion of the core and an average cladding coefficient of thermal expansion of the second clad layer.

31. A use of the glass composition of any one of claims 1 to 10 for cover glass or glass backplane applications in consumer or commercial electronic devices including LCD and LED displays, computer monitors, automated teller machines (ATMs), for touch screen or touch sensor applications, for portable electronic devices including mobile telephones, personal media players, and tablet computers, for photovoltaic applications, for architectural glass applications, for automotive or vehicular glass applications, or for commercial or household appliance applications.

32. A use of the glass article of any one of claims 11 to 30 for cover glass or glass backplane applications in consumer or commercial electronic devices including LCD and LED displays, computer monitors, automated teller machines (ATMs), for touch screen or touch sensor applications, for portable electronic devices including mobile telephones, personal media players, and tablet computers, for photovoltaic applications, for architectural glass applications, for automotive or vehicular glass applications, or for commercial or household appliance applications.

What is claimed is:

1. A glass composition comprising:

from about 55 mol. % to about 70 mol. % SiO_2;

from about 9 mol. % to about 15 mol. % Al_2O_3;

from about 10 mol. % to about 15 mol. % alkali oxide M_2O, wherein M is at least one of Na and K;

from about 2 mol. % to about 8 mol. % divalent oxide RO, wherein R is at least one of Zn, Ca, and Mg;

from about 8.5 mol. % to about 16 mol. % F^-;

from about 0 mol. % to about 0.3 mol. % SnO_2; and

from about 0 mol. % to about 6 mol. % of colorant, wherein the glass composition is free from As and compounds containing As and spontaneously opalizes during formation or with a post-formation heat treatment.

2. A glass article comprising:

a glass core layer disposed between a first glass cladding layer and a second glass cladding layer, wherein the glass core layer is formed from a glass composition comprising;

from about 55 mol. % to about 70 mol.% SiO_2;

from about 9 mol. % to about 15 mol. % Al_2O_3;

from about 10 mol. % to about 15 mol. % M_2O, wherein M is at least one of Na and K;

from about 2 mol. % to about 8 mol. % divalent oxide RO, wherein R is at least one of Zn, Ca, and Mg;

from about 8.5 mol. % to about 16 mol. % F^-; and

from about 0 mol. % to about 0.3 mol. % SnO_2; and

optionally, a colorant, wherein the glass composition is free from As and compounds containing As and spontaneously opalizes during formation or with a post-formation heat treatment.

3. The glass composition of claim 1 or the glass article of claim 2, wherein the glass composition comprises:

from about 58 mol. % to about 64 mol. % SiO_2;
from about 10 mol. % to about 12 mol. % Al_2O_3;
from about 11 mol. % to about 13 mol. % M_2O;
less than or equal to about 5.5 mol. % RO; and
greater than or equal to about 12.5 mol. % F^-.

4. The glass composition of claim 1 or claim 3 or the glass article of claim 2 or claim 3, wherein a concentration of the colorant in the glass composition is less than about 6 mol.% or less than or equal to 2 mol. %.

5. The glass composition of any of claims 1 and claims 3 to 4 or the glass article of any of claims 2 to 4, wherein the colorant is selected from a group consisting of Fe_2O_3, Cr_2O_3, Co_3O_4, CuO, Au, and V_2O_5.

6. The glass composition of any of claims 1 and claims 3 to 5 or the glass article of any of claims 2 to 5, wherein M is Na.

7. The glass composition of any of claims 1 and claims 3 to 6 or the glass article of any of claims 2 to 6, wherein the glass composition further comprises B_2O_3.

8. The glass composition of any of claims 1 and claims 3 to 7 or the glass article of any of claims 2 to 7, wherein the glass composition comprises greater than or equal to about 10.5 mol. % F^- or greater than or equal to about 12.5 mol. % F^-.

9. The glass composition of any of claims 1 and claims 3 to 8 or the glass article of any of claims 2 to 8, wherein R is Zn.

10. The glass composition of claim 9 or the glass article of claim 9, wherein a concentration of RO in the glass composition is less than or equal to 5.5 mol. %.

11. The glass article of any of claims 2 to 10, wherein:

the glass core layer has an average core coefficient of thermal expansion CTE_{core}; and

the first glass cladding layer and the second glass cladding layer have an average cladding coefficient of thermal expansion CTE_{clad} which is less than the average core coefficient of thermal expansion CTE_{core}.

12. The glass article of claim 11, wherein the average core coefficient of thermal expansion CTE_{core} is greater than or equal to $75x10^{-7}/°C$ averaged over a temperature range from 20°C to 300°C or greater than or equal to $85x10^{-7}/°C$ averaged over a temperature range from 20°C to 300°C.

13. The glass article of any of claims 2 to 12, wherein the first glass cladding layer and the second glass cladding layer are formed from ion-exchangeable glass.

14. The glass article of any of claims 2 to 13, wherein a first surface of the glass core layer is directly adjacent the first glass cladding layer, and wherein a second surface of the glass core layer is directly adjacent the second glass cladding layer.

15. The glass article of any of claims 2 to 13, wherein a diffusive layer is disposed between at least one of the first glass cladding layer or the second glass cladding layer and the glass core layer, and wherein the average coefficient of thermal expansion of the diffusive layer has a value between that of an average core coefficient of thermal expansion of the glass core layer and an average cladding coefficient of thermal expansion of the at least one of the first glass cladding layer and the second glass cladding layer.