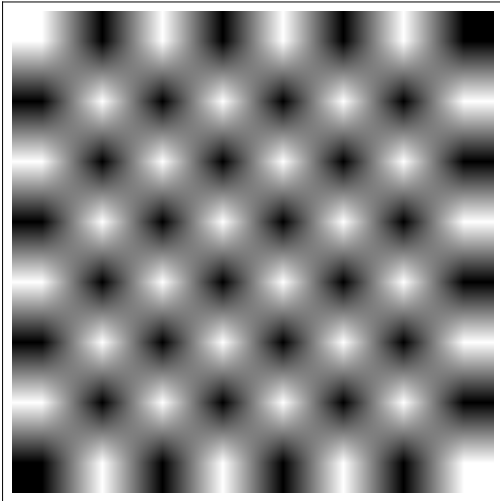
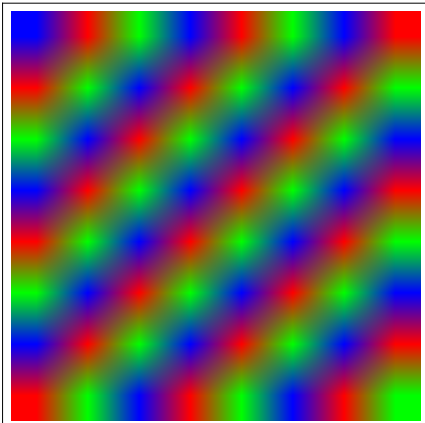


Pensieve header: Chessboards.

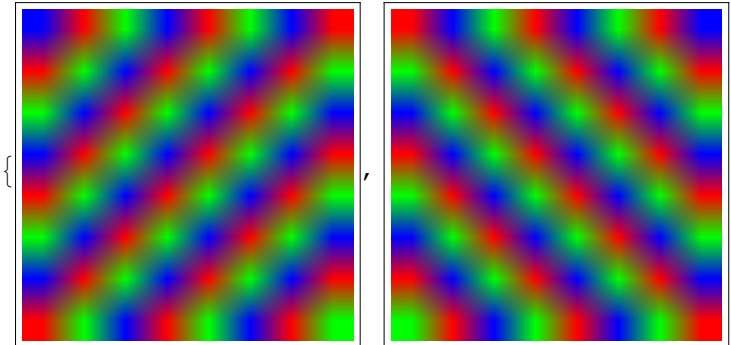
```
ArrayPlot[  
  Table[Mod[i + j, 2], {i, 8}, {j, 8}],  
  ColorRules -> {0 -> White, 1 -> Black}  
]
```



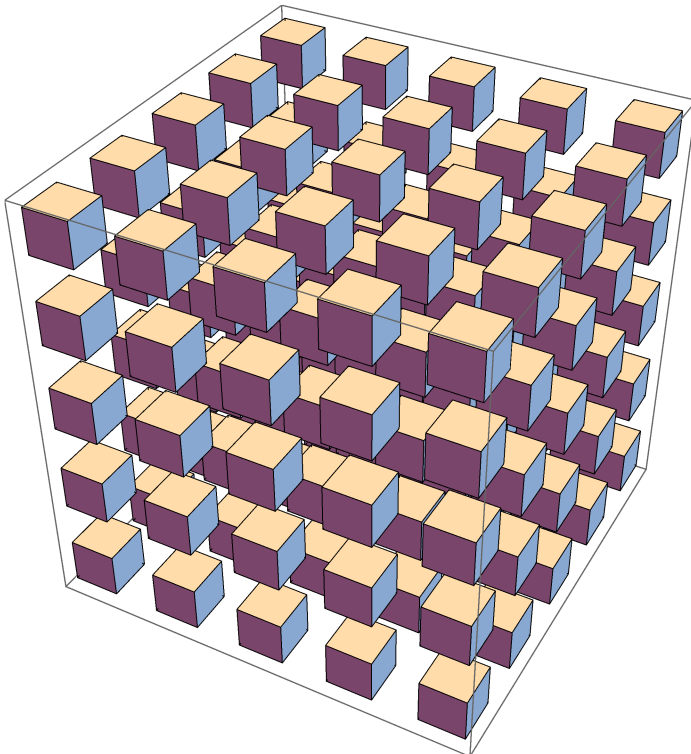
```
ArrayPlot[  
  Table[Mod[i + j, 3], {i, 8}, {j, 8}],  
  ColorRules -> {0 -> Red, 1 -> Green, 2 -> Blue}  
]
```



```
{ArrayPlot[
  Table[Mod[i + j, 3], {i, 8}, {j, 8}],
  ColorRules -> {0 -> Red, 1 -> Green, 2 -> Blue}
],
ArrayPlot[
  Table[Mod[i - j, 3], {i, 8}, {j, 8}],
  ColorRules -> {0 -> Red, 1 -> Green, 2 -> Blue}
]}
```



```
Graphics3D[Table[
  Cuboid[{2 i, 2 j, 2 k}],
  {i, 0, 4}, {j, 0, 4}, {k, 0, 4}
]]
```



```
Graphics3D[Table[
  If[Mod[i + j + k, 2] ≠ 0, {},
    Table[Cuboid[{2 i + ii, 2 j + jj, 2 k + kk}],
      {ii, 0, 1}, {jj, 0, 1}, {kk, 0, 1}]],
  {i, 0, 4}, {j, 0, 4}, {k, 0, 4}
]]
```

