

Converting Colors

Hex(678A08)

Have a look what the booklet for
Hex(678A08) contains.

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Color

Hex(678A08)

Conversions

Conversions Part 1

Format	Color
Hex	678A08
RGB	103, 138, 8
RGB Percent	40%, 54%, 3%
CMY	0.5961, 0.4588, 0.9686
CMYK	0.25, 0.00, 0.94, 0.46
HSL	76°, 89%, 29%
HSV	76°, 94%, 54%
XYZ	14.7258, 21.0781, 3.5221
YIQ	112.7150, 20.8700, -47.8500

Conversions

Conversions Part 2

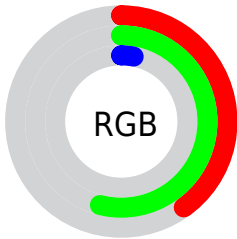
Format	Color
RYB	8, 138, 43
Decimal	6785544
CIELab	53.03, -29.02, 55.30
CIELCh	53, 62.452, 117.688
Yxy	21.0781, 0.3745, 0.5360
Android (android.graphics.Color)	4284975624 (0xFF678A08)
YUV	112.7150, -51.6245, -8.5201
Hunter-Lab	45.9108, -23.0904, 27.5891

Details

The Hex color **678A08** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **2B088A**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **9EC047**, and **335800** is the 20% darker color. If you saturate the color by 10%, you get **658A00**, and if you desaturate by 10%, it is **6B8A16**.

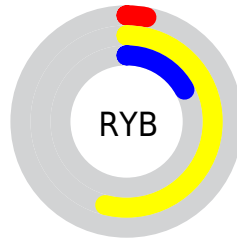
Distribution



Red (40%)

Green (54%)

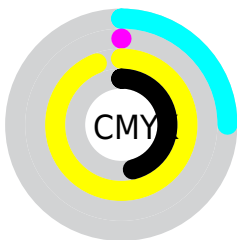
Blue (3%)



Red (3%)

Yellow (54%)

Blue (17%)

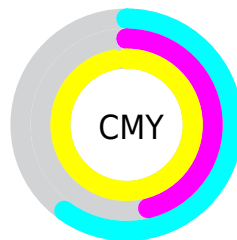


Cyan (25%)

Magenta (0%)

Yellow (94%)

Black (46%)



Cyan (60%)

Magenta (46%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 678A08 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 678A08 by changing the saturation by 10% instead.



678A08



678A08

FFFFFF



4C7000



9EC047



335800



BADB62



164000



D7F87C



002A00



F4FF98



001300



FFFFB3



000000



FFFFD0



FFFFED



678A08



678A08

■ 658A00

■ 6B8A16

■ 6E8A24

■ 728A31

■ 768A3F

■ 7A8A4D

■ 7D8A5B

■ 818A69

■ 858A76

■ 888A84

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9B7B00



678A08



009341

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



678A08



0092D9



DA4685

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



678A08



2B088A

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



BB58B9



678A08



0086EB

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



678A08



0097AF



7472DE



DB4E50

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



678A08



009666



7472DE



D34A97

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



678A08



A5B381



8A2B08



51593B



D9D9D9



595959

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



678A08



82B300



268A08



43453E



618500



040500

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



2B088A



3000B3



6C088A



403E45



240085



010005

Previews

White Background



This preview shows how the Hex color 678A08 looks on a white background.

Color Contrast Check

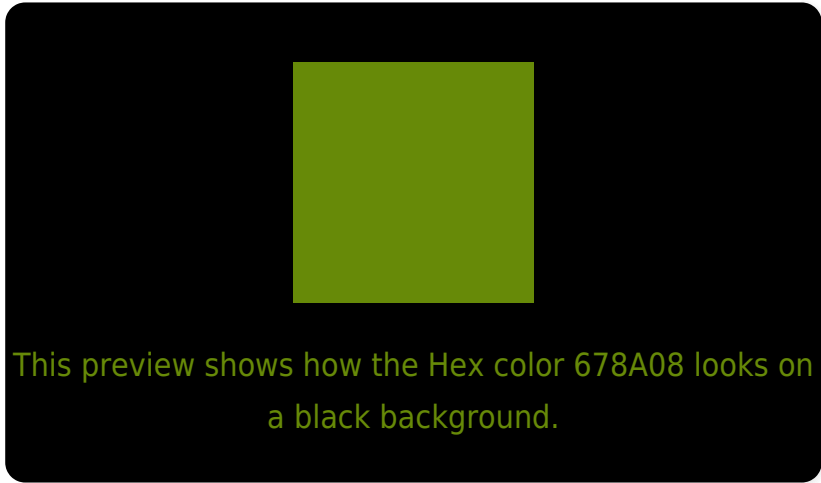
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 678A08 Background



This preview shows how black text looks on a background with the Hex color 678A08.



This preview shows how white text looks on a background with the Hex color 678A08.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
678A08

Protanopia
8F7F00

Deuteranopia
9F781A



Tritanopia
73808A

Trichromacy



Original Color
678A08

Protanomaly
808303

Deuteranomaly
8B7F13

Tritanomaly
6F845B

Monochromacy



Original Color
678A08

Achromatopsia
717171

Achromatomaly
6D7A4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 678A08 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #678A08 looks like.

```
.text, #text, p{  
    color:#678A08  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #678A08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #678A08
}
```

Border

The CSS property to change the border of an element to Hex 678A08 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#678A08 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#678A08 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #678A08 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #678A08; -webkit-box-shadow:4px 4px  
4px 4px #678A08; box-shadow:4px 4px 4px  
4px #678A08 }
```

Background

The CSS property to change the background color of an element to Hex 678A08 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#678A08 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#678A08 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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