

Converting Colors

Hex(684F08)

Have a look what the booklet for
Hex(684F08) contains.

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Color

Hex(684F08)

Conversions

Conversions Part 1

Format	Color
Hex	684F08
RGB	104, 79, 8
RGB Percent	41%, 31%, 3%
CMY	0.5922, 0.6902, 0.9686
CMYK	0.00, 0.24, 0.92, 0.59
HSL	44°, 86%, 22%
HSV	44°, 92%, 41%
XYZ	8.5487, 8.5526, 1.4300
YIQ	78.3810, 37.6910, -16.7810

Conversions

Conversions Part 2

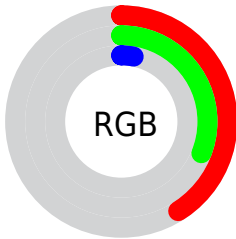
Format	Color
RYB	42, 104, 8
Decimal	6835976
CIELab	35.11, 3.73, 40.93
CIELCh	35, 41.100, 84.795
Yxy	8.5526, 0.4613, 0.4615
Android (android.graphics.Color)	4285026056 (0xFF684F08)
YUV	78.3810, -34.6978, 22.4679
Hunter-Lab	29.2447, 1.0002, 17.5722

Details

The Hex color **684F08** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **082168**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **9F803B**, and **342300** is the 20% darker color. If you saturate the color by 10%, you get **684D00**, and if you desaturate by 10%, it is **685212**.

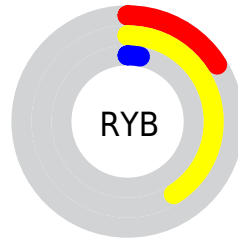
Distribution



Red (41%)

Green (31%)

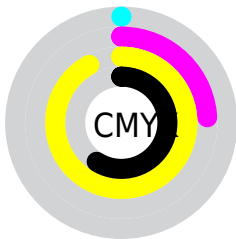
Blue (3%)



Red (16%)

Yellow (41%)

Blue (3%)

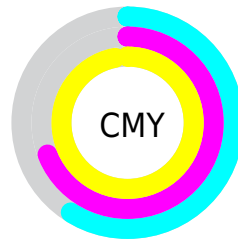


Cyan (0%)

Magenta (24%)

Yellow (92%)

Black (59%)



Cyan (59%)

Magenta (69%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 684F08 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 684F08 by changing the saturation by 10% instead.

 684F08

 684F08

 FFFFF6

 4E3800

 9F803B

 342300

 BB9A54

 1C0E00

 D8B46D

 000000

 F5D087

 FFECA2

 FFFFBD

 FFFF9D

 684F08

 684F08

■ 684D00

■ 685212

■ 68541D

■ 685727

■ 685A32

■ 685D3C

■ 685F46

■ 686251

■ 68655B

■ 686766

Harmonies

Analogous

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



80421D



684F08



49590F

Triad

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



684F08



00626D



753E79

Complementary

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



684F08



082168

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.



484C8E



684F08



005F88

Square

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



684F08



00624C



005894



8A335A

Rectangle

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



684F08



2E5D21



005894



694381

Sweetspot

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



684F08



877D61



680822



453F2D



C4C4C4



454545

Same Dimension

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



684F08



876400



526808



33322E



735500



F2B300

Inverse Universe

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



082168



002387



1E0868



2E2F33



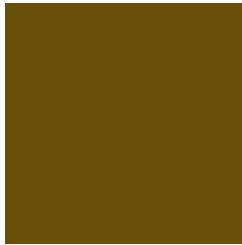
001E73



003FF2

Previews

White Background



This preview shows how the Hex color 684F08 looks on a white background.

Color Contrast Check

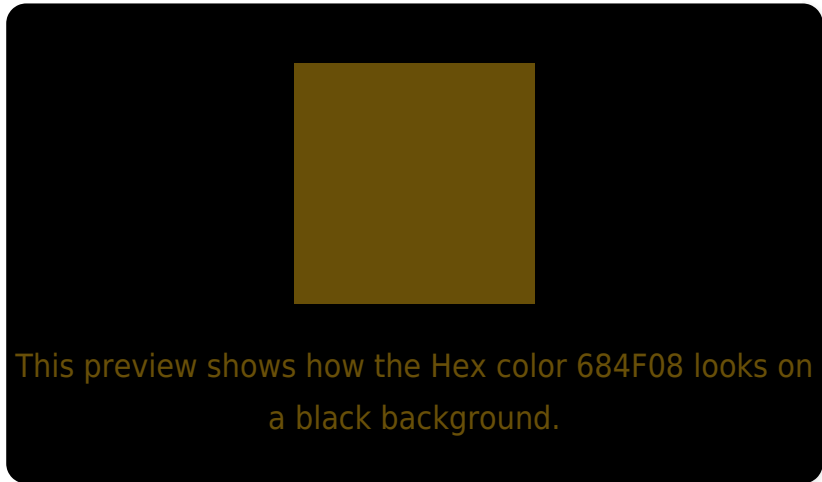
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 684F08 Background



This preview shows how black text looks on a background with the Hex color 684F08.



This preview shows how white text looks on a background with the Hex color 684F08.

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
684F08

Protanopia
5E530A

Deuteranopia
694F08



Tritanopia
6C494F

Trichromacy



Original Color
684F08

Protanomaly
625209

Deuteranomaly
694F08

Tritanomaly
6B4B35

Monochromacy



Original Color
684F08

Achromatopsia
4E4E4E

Achromatomaly
574E35

CSS Examples

Text

The CSS property to change the color of the text to Hex 684F08 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 #684F08 looks like.

```
.text, #text, p{  
    color:#684F08  
}
```

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 #684F08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #684F08
}
```

Border

The CSS property to change the border of an element to Hex 684F08 is called "border". The border property can be set on classes, ids or directly on the HTML element.

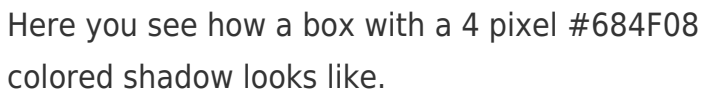
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#684F08 }
```

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

```
.border{ border-color:#684F08 }
```

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



Here you see how a box with a 4 pixel #684F08 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #684F08; -webkit-box-shadow:4px 4px  
4px 4px #684F08; box-shadow:4px 4px 4px  
4px #684F08 }
```

Background

The CSS property to change the background color of an element to Hex 684F08 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#684F08 }
```

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

```
.background{ background-color:#684F08 }
```

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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