

Converting Colors

Hex(684F0B)

Have a look what the booklet for
Hex(684F0B) contains.

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Color

Hex(684F0B)

Conversions

Conversions Part 1

Format	Color
Hex	684F0B
RGB	104, 79, 11
RGB Percent	41%, 31%, 4%
CMY	0.5922, 0.6902, 0.9569
CMYK	0.00, 0.24, 0.89, 0.59
HSL	44°, 81%, 23%
HSV	44°, 89%, 41%
XYZ	8.5653, 8.5592, 1.5173
YIQ	78.7230, 36.7280, -15.8480

Conversions

Conversions Part 2

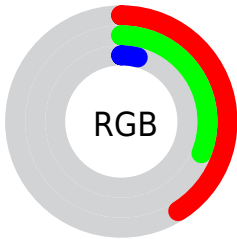
Format	Color
R_{YB}	45, 104, 11
Decimal	6835979
CIE _{Lab}	35.12, 3.82, 40.01
CIE _{LCh}	35, 40.194, 84.552
Yxy	8.5592, 0.4595, 0.4591
Android (android.graphics.Color)	4285026059 (0xFF684F0B)
YUV	78.7230, -33.3874, 22.1679
Hunter-Lab	29.2561, 1.0613, 17.4044

Details

The Hex color **684F0B** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **0B2468**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **9E803D**, and **352300** is the 20% darker color. If you saturate the color by 10%, you get **684C01**, and if you desaturate by 10%, it is **685215**.

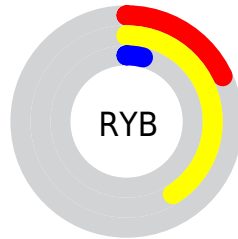
Distribution



Red (41%)

Green (31%)

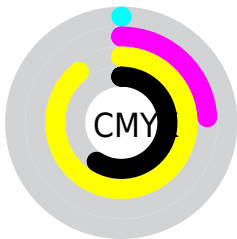
Blue (4%)



Red (18%)

Yellow (41%)

Blue (4%)

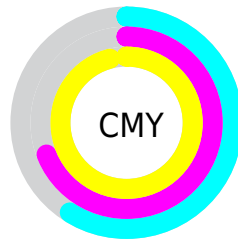


Cyan (0%)

Magenta (24%)

Yellow (89%)

Black (59%)



Cyan (59%)

Magenta (69%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 684F0B 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 684F0B by changing the saturation by 10% instead.

 684F0B

 684F0B

 FFFFF8

 4E3800

 9E803D

 352300

 BB9A56

 1C0E00

 D7B46F

 000000

 F5D089

 FFECA4

 FFFFBF

 FFFFDB

 684F0B

 684F0B

■ 684C01

■ 685215

■ 684C00

■ 685520

■ 68572A

■ 685A35

■ 685D3F

■ 686049

■ 686354

■ 68655E

■ 686869

Harmonies

Analogous

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



7F421E



684F0B



495912

Triad

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



684F0B



00626C



743E78

Complementary

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



684F0B



0B2468

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.



484D8D



684F0B



005F86

Square

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



684F0B



00614B



005893



89345A

Rectangle

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



684F0B



2F5D22



005893



684381

Sweetspot

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



684F0B



877D63



680B25



453F2F



C4C4C4



454545

Same Dimension

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



684F0B



876300



54680B



33322E



735400



F2B100

Inverse Universe

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



0B2468



002487



1F0B68



2E2F33



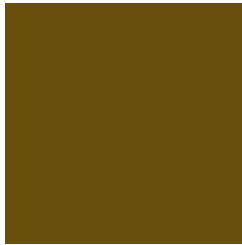
001F73



0041F2

Previews

White Background



This preview shows how the Hex color 684F0B 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 684F0B Background



This preview shows how black text looks on a background with the Hex color 684F0B.



This preview shows how white text looks on a background with the Hex color 684F0B.

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
684F0B

Protanopia
5D530C

Deuteranopia
694F0B



Tritanopia
6C494F

Trichromacy



Original Color
684F0B

Protanomaly
61520C

Deuteranomaly
694F0B

Tritanomaly
6B4B36

Monochromacy



Original Color
684F0B

Achromatopsia
4F4F4F

Achromatomaly
584F36

CSS Examples

Text

The CSS property to change the color of the text to Hex 684F0B 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 #684F0B looks like.

```
.text, #text, p{  
    color:#684F0B  
}
```

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 #684F0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #684F0B
}
```

Border

The CSS property to change the border of an element to Hex 684F0B is called "border". The border property can be set on classes, ids or directly on the HTML element.

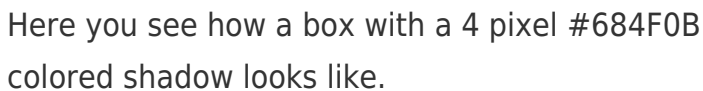
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#684F0B }
```

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

```
.border{ border-color:#684F0B }
```

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



Here you see how a box with a 4 pixel #684F0B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #684F0B; -webkit-box-shadow:4px 4px  
4px 4px #684F0B; box-shadow:4px 4px 4px  
4px #684F0B }
```

Background

The CSS property to change the background color of an element to Hex 684F0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#684F0B }
```

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

```
.background{ background-color:#684F0B }
```

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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