

Converting Colors

Hex(684800)

Have a look what the booklet for
Hex(684800) contains.

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Color

Hex(684800)

Conversions

Conversions Part 1

Format	Color
Hex	684800
RGB	104, 72, 0
RGB Percent	41%, 28%, 0%
CMY	0.5922, 0.7176, 1.0000
CMYK	0.00, 0.31, 1.00, 0.59
HSL	42°, 100%, 20%
HSV	42°, 100%, 41%
XYZ	8.0263, 7.5778, 1.0396
YIQ	73.3600, 42.1840, -15.6080

Conversions

Conversions Part 2

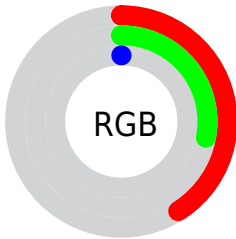
Format	Color
RYB	46, 104, 0
Decimal	6834176
CIELab	33.09, 7.78, 42.20
CIElCh	33, 42.915, 79.558
Yxy	7.5778, 0.4822, 0.4553
Android (android.graphics.Color)	4285024256 (0xFF684800)
YUV	73.3600, -36.1665, 26.8713
Hunter-Lab	27.5278, 3.8717, 17.0303

Details

The Hex color **684800** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **002068**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **9F7834**, and **341D00** is the 20% darker color. If you saturate the color by 10%, you get **684800**, and if you desaturate by 10%, it is **684B0A**.

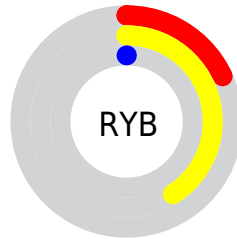
Distribution



Red (41%)

Green (28%)

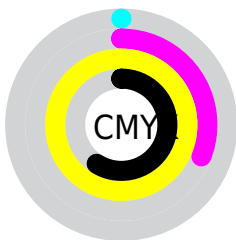
Blue (0%)



Red (18%)

Yellow (41%)

Blue (0%)

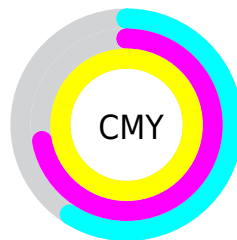


Cyan (0%)

Magenta (31%)

Yellow (100%)

Black (59%)



Cyan (59%)

Magenta (72%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 684800 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 684800 by changing the saturation by 10% instead.

 684800

 684800

 FFFFEE

 4E3200

 9F7834

 341D00

 BC924D

 1C0500

 D9AC66

 000000

 F6C87F

 FFE49A

 FFFFB5

 FFFFD1

 684800

 684B0A

 684E15

 68521F

 68552A

 685834

 685B3E

 685E49

 686253

 68655E

Harmonies

Analogous

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



7F3A1A



684800



495301

Triad

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



684800



005D64



6B3A7A

Complementary

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



684800



002068

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.



354A8E



684800



005B81

Square

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



684800



005D40



005591



852D5B

Rectangle

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



684800



2F5814



005591



5D4082

Sweetspot

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



684800



877B5F



680021



453D2C



C4C4C4



454545

Same Dimension

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



684800



875E00



556800



33312E



734F00



F2A800

Inverse Universe

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



002068



002A87



130068



2E2F33



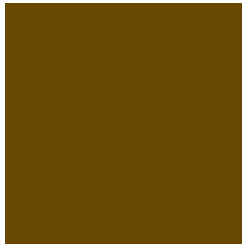
002373



004BF2

Previews

White Background



This preview shows how the Hex color 684800 looks on a white background.

Color Contrast Check

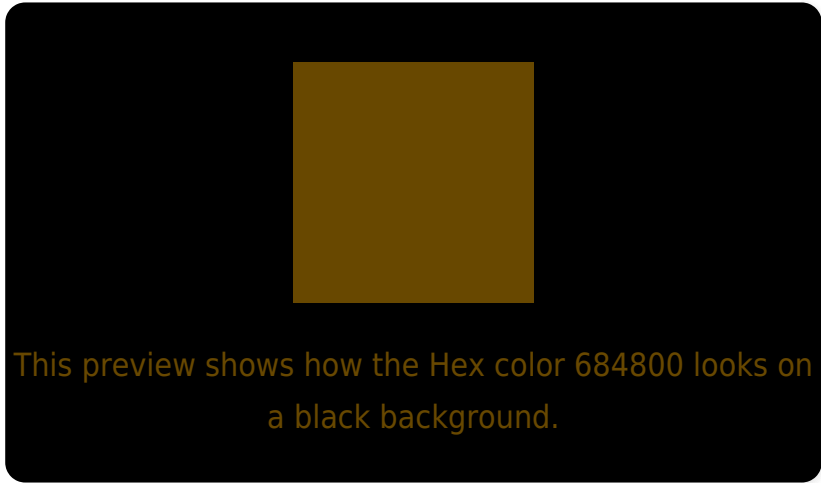
Large Text (above 18pt) WCAG AA ✓ Pass

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

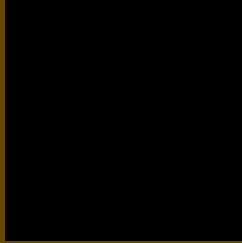
Any Text WCAG AA × Fail

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 684800 Background



This preview shows how black text looks on a background with the Hex color 684800.



This preview shows how white text looks on a background with the Hex color 684800.

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
684800

Protanopia
584F07

Deuteranopia
634A00



Tritanopia
6B4348

Trichromacy



Original Color
684800

Protanomaly
5E4C04

Deuteranomaly
654900

Tritanomaly
6A452E

Monochromacy



Original Color
684800

Achromatopsia
494949

Achromatomaly
54492E

CSS Examples

Text

The CSS property to change the color of the text to Hex 684800 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 #684800 looks like.

```
.text, #text, p{  
    color:#684800  
}
```

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 #684800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #684800
}
```

Border

The CSS property to change the border of an element to Hex 684800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

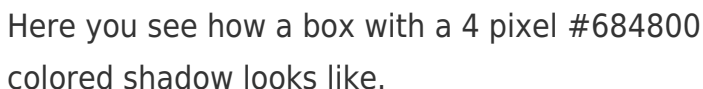
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#684800 }
```

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

```
.border{ border-color:#684800 }
```

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



Here you see how a box with a 4 pixel #684800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #684800; -webkit-box-shadow:4px 4px  
4px 4px #684800; box-shadow:4px 4px 4px  
4px #684800 }
```

Background

The CSS property to change the background color of an element to Hex 684800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#684800 }
```

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

```
.background{ background-color:#684800 }
```

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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