

Converting Colors

Hex(680004)

Have a look what the booklet for
Hex(680004) contains.

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Color

Hex(680004)

Conversions

Conversions Part 1

Format	Color
Hex	680004
RGB	104, 0, 4
RGB Percent	41%, 0%, 2%
CMY	0.5922, 1.0000, 0.9843
CMYK	0.00, 1.00, 0.96, 0.59
HSL	358°, 100%, 20%
HSV	358°, 100%, 41%
XYZ	5.7308, 2.9518, 0.3826
YIQ	31.5520, 60.7000, 23.2920

Conversions

Conversions Part 2

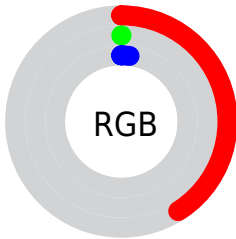
Format	Color
R_YB	104, 0, 4
Decimal	6815748
CIE _{Lab}	19.85, 41.54, 28.75
CIE _{LCh}	20, 50.518, 34.690
Yxy	2.9518, 0.6322, 0.3256
Android (android.graphics.Color)	4285005828 (0xFF680004)
YUV	31.5520, -13.5831, 63.5369
Hunter-Lab	17.1809, 29.4738, 10.7064

Details

The Hex color **680004** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **006864**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **A23C31**, and **330002** is the 20% darker color. If you saturate the color by 10%, you get **680004**, and if you desaturate by 10%, it is **680A0E**.

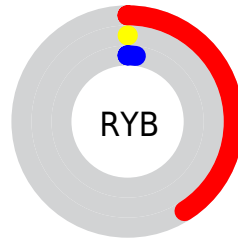
Distribution



Red (41%)

Green (0%)

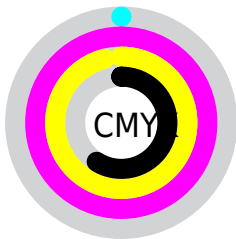
Blue (2%)



Red (41%)

Yellow (0%)

Blue (2%)

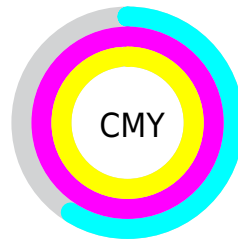


Cyan (0%)

Magenta (100%)

Yellow (96%)

Black (59%)



Cyan (59%)

Magenta (100%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 680004 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 680004 by changing the saturation by 10% instead.

 680004

 680004

 FFFBE5

 4B0000

 A23C31

 330002

 C05648

 000000

 DE7060

 FD8B79

 FFA693

 FFC2AD

 FFDEC9

 680004

 680A0E

 681518

 681F22

 682A2C

 683436

 683E40

 68494A

 685354

 685E5E

Harmonies

Analogous

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



6D002C



680004



542100

Triad

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



680004



003D0D



00347B

Complementary

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



680004



006864

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.



003C74



680004



003E35

Square

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



680004



0C3900



003F5A



32226E

Rectangle

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



680004



422C00



003F5A



00377B

Sweetspot

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



680004



875F60



630068



452C2D



C4C4C4



454545

Same Dimension

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



680004



870005



682F00



332E2E



730004



F20009

Inverse Universe

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



680004



870005



003968



332E2E



730004



F20009

Previews

White Background



This preview shows how the Hex color 680004 looks on a white background.

Color Contrast Check

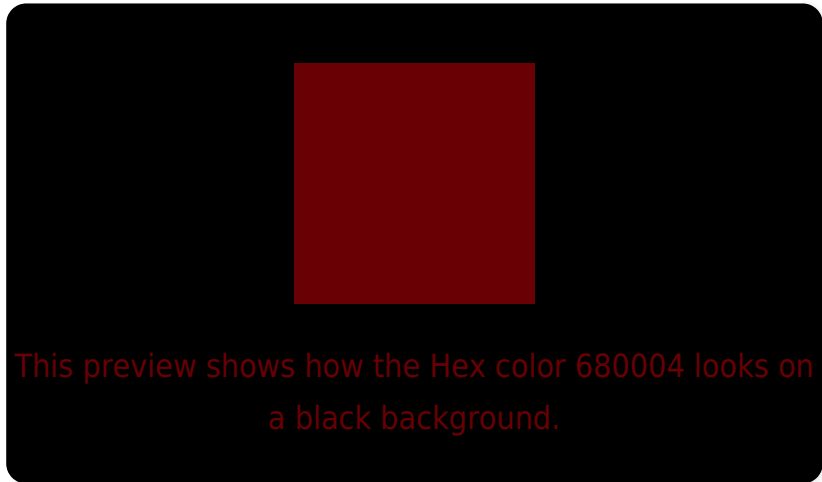
Large Text (above 18pt) WCAG AA ✓ Pass

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

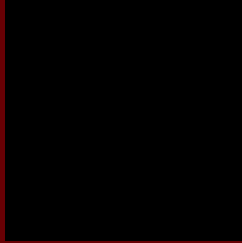
Any Text WCAG AA × Fail

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 680004 Background



This preview shows how black text looks on a background with the Hex color 680004.



This preview shows how white text looks on a background with the Hex color 680004.

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
680004

Protanopia
3B350E

Deuteranopia
423200



Tritanopia
670A00

Trichromacy



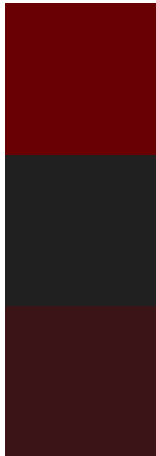
Original Color
680004

Protanomaly
4B220A

Deuteranomaly
502001

Tritanomaly
670601

Monochromacy



Original Color
680004

Achromatopsia
202020

Achromatomaly
3A1416

CSS Examples

Text

The CSS property to change the color of the text to Hex 680004 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 #680004 looks like.

```
.text, #text, p{  
    color:#680004  
}
```

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 #680004 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #680004
}
```

Border

The CSS property to change the border of an element to Hex 680004 is called "border". The border property can be set on classes, ids or directly on the HTML element.

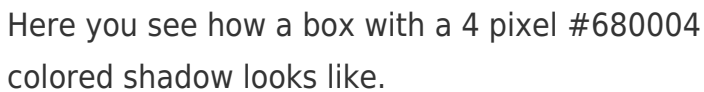
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#680004 }
```

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

```
.border{ border-color:#680004 }
```

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



Here you see how a box with a 4 pixel #680004 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #680004; -webkit-box-shadow:4px 4px  
4px 4px #680004; box-shadow:4px 4px 4px  
4px #680004 }
```

Background

The CSS property to change the background color of an element to Hex 680004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#680004 }
```

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

```
.background{ background-color:#680004 }
```

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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