

Converting Colors

Hex(680044)

Have a look what the booklet for
Hex(680044) contains.

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Color

Hex(680044)

Conversions

Conversions Part 1

Format	Color
Hex	680044
RGB	104, 0, 68
RGB Percent	41%, 0%, 27%
CMY	0.5922, 1.0000, 0.7333
CMYK	0.00, 1.00, 0.35, 0.59
HSL	321°, 100%, 20%
HSV	321°, 100%, 41%
XYZ	6.7523, 3.3604, 5.7616
YIQ	38.8480, 40.1560, 43.1960

Conversions

Conversions Part 2

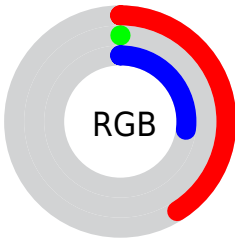
Format	Color
RYB	104, 0, 68
Decimal	6815812
CIELab	21.43, 45.73, -10.55
CIELCh	21, 46.932, 347.014
Yxy	3.3604, 0.4254, 0.2117
Android (android.graphics.Color)	4285005892 (0xFF680044)
YUV	38.8480, 14.3719, 57.1383
Hunter-Lab	18.3314, 33.6698, -5.8029

Details

The Hex color **680044** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **006824**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **9F3F74**, and **36001A** is the 20% darker color. If you saturate the color by 10%, you get **680044**, and if you desaturate by 10%, it is **680A48**.

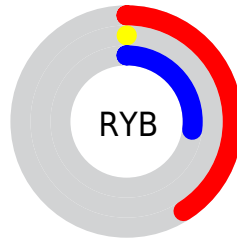
Distribution



Red (41%)

Green (0%)

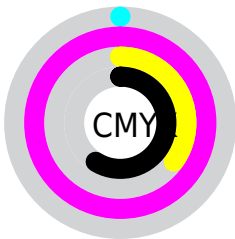
Blue (27%)



Red (41%)

Yellow (0%)

Blue (27%)

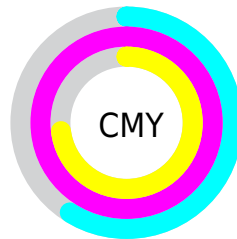


Cyan (0%)

Magenta (100%)

Yellow (35%)

Black (59%)



Cyan (59%)

Magenta (100%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 680044 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 680044 by changing the saturation by 10% instead.

 680044

 680044

FFFFFF

 4D002E

 9F3F74

 36001A

 BB598E

 140000

 D873A8

 000000

 F58EC3

 FFAADF

 FFC6FC

 FFE2FF

 680044

■ 680A48

■ 68154B

■ 681F4F

■ 682A52

■ 683456

■ 683E5A

■ 68495D

■ 685361

■ 685E64

Harmonies

Analogous

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



4C1E63



680044



6E0022

Triad

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



680044



2E3800



004166

Complementary

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



680044



006824

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.



004247



680044



003E00

Square

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



680044



4D2C00



004123



003C78

Rectangle

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



680044



68100A



004123



00415D

Sweetspot

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



680044



875F79



230068



452C3C



C4C4C4



454545

Same Dimension

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



680044



870058



680011



332E31



73004B



F2009E

Inverse Universe

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



680044



870058



006857



332E31



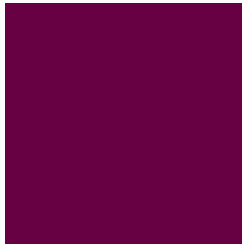
73004B



F2009E

Previews

White Background



This preview shows how the Hex color 680044 looks on a white background.

Color Contrast Check

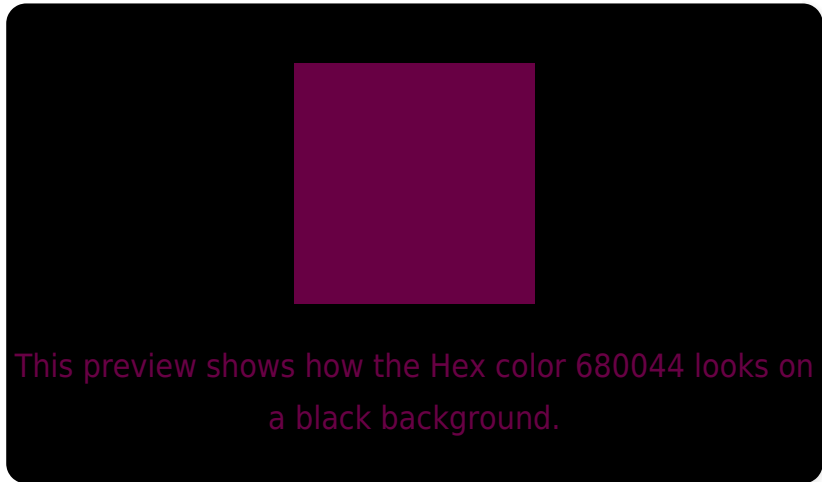
Large Text (above 18pt) WCAG AA ✓ Pass

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

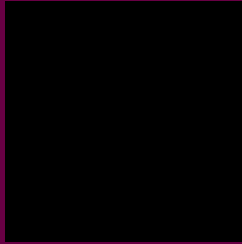
Any Text WCAG AA × Fail

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 680044 Background



This preview shows how black text looks on a background with the Hex color 680044.

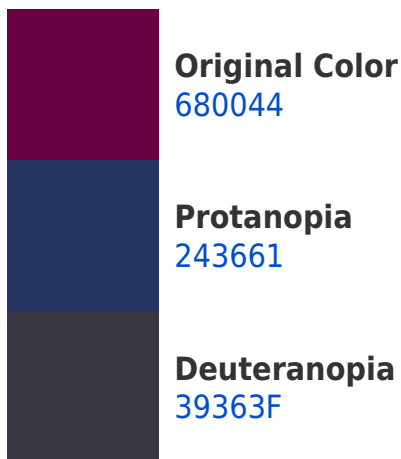


This preview shows how white text looks on a background with the Hex color 680044.

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



Trichromacy



Original Color
680044

Protanomaly
3D2256

Deuteranomaly
4A2241

Tritanomaly
66112B

Monochromacy



Original Color
680044

Achromatopsia
272727

Achromatomaly
3F1932

CSS Examples

Text

The CSS property to change the color of the text to Hex 680044 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 #680044 looks like.

```
.text, #text, p{  
    color:#680044  
}
```

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 #680044 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #680044
}
```

Border

The CSS property to change the border of an element to Hex 680044 is called "border". The border property can be set on classes, ids or directly on the HTML element.

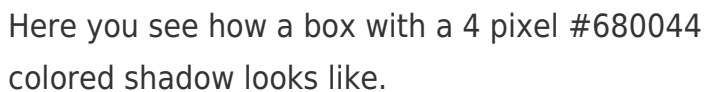
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#680044 }
```

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

```
.border{ border-color:#680044 }
```

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



Here you see how a box with a 4 pixel #680044 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #680044; -webkit-box-shadow:4px 4px  
4px 4px #680044; box-shadow:4px 4px 4px  
4px #680044 }
```

Background

The CSS property to change the background color of an element to Hex 680044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#680044 }
```

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

```
.background{ background-color:#680044 }
```

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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