

Converting Colors

Hex(680024)

Have a look what the booklet for
Hex(680024) contains.

Hex(680024)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(680024)

Conversions

Conversions Part 1

Format	Color
Hex	680024
RGB	104, 0, 36
RGB Percent	41%, 0%, 14%
CMY	0.5922, 1.0000, 0.8588
CMYK	0.00, 1.00, 0.65, 0.59
HSL	339°, 100%, 20%
HSV	339°, 100%, 41%
XYZ	6.0274, 3.0704, 1.9440
YIQ	35.2000, 50.4280, 33.2440

Conversions

Conversions Part 2

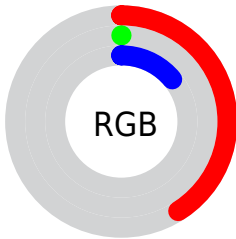
Format	Color
R_YB	104, 0, 36
Decimal	6815780
CIE Lab	20.32, 42.82, 10.35
CIE LCh	20, 44.054, 13.593
Yxy	3.0704, 0.5459, 0.2781
Android (android.graphics.Color)	4285005860 (0xFF680024)
YUV	35.2000, 0.3944, 60.3376
Hunter-Lab	17.5226, 30.7350, 5.6880

Details

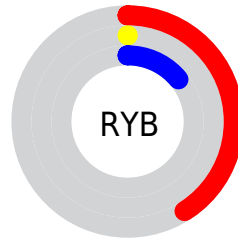
The Hex color **680024** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **006844**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **A03D50**, and **350002** is the 20% darker color. If you saturate the color by 10%, you get **680024**, and if you desaturate by 10%, it is **680A2B**.

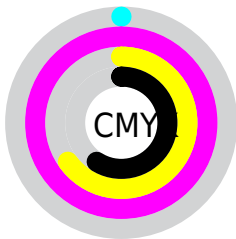
Distribution



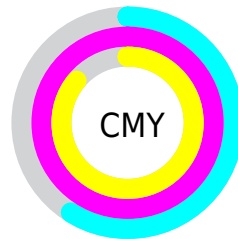
- Red (41%)
- Green (0%)
- Blue (14%)



- Red (41%)
- Yellow (0%)
- Blue (14%)



- Cyan (0%)
- Magenta (100%)
- Yellow (65%)
- Black (59%)



- Cyan (59%)
- Magenta (100%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 680024 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 680024 by changing the saturation by 10% instead.

 680024

 680024

 FFFDFF

 4D000F

 A03D50

 350002

 BD5768

 030000

 DB7181

 000000

 F98C9B

 FFA7B6

 FFC3D1

 FFE0EE

 680024

 680A2B

 681532

 681F38

 682A3F

 683446

 683E4D

 684954

 68535A

 685E61

Harmonies

Analogous

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



600744



680024



601700

Triad

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



680024



043A00



003A70

Complementary

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



680024



006844

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.



003E5D



680024



003D1D

Square

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



680024



303400



003F3F



003071

Rectangle

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



680024



532400



003F3F



003C6B

Sweetspot

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



680024



875F6D



440068



452C35



C4C4C4



454545

Same Dimension

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



680024



87002F



681000



332E30



730028



F20054

Inverse Universe

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



680024



87002F



005868



332E30



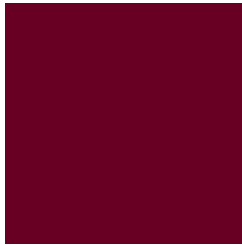
730028



F20054

Previews

White Background



This preview shows how the Hex color 680024 looks on a white background.

Color Contrast Check

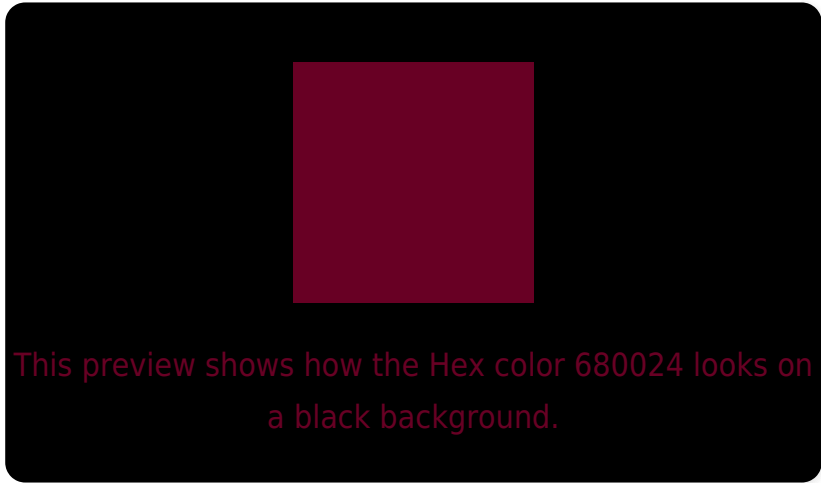
Large Text (above 18pt) WCAG AA ✓ Pass

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 680024 Background



This preview shows how black text looks on a background with the Hex color 680024.



This preview shows how white text looks on a background with the Hex color 680024.

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
680024

Protanopia
363535

Deuteranopia
41331F

Trichromacy



Original Color
680024

Protanomaly
48222F

Deuteranomaly
4F2021

Tritanomaly
670A15

Monochromacy



Original Color
680024

Achromatopsia
232323

Achromatomaly
3C1623

CSS Examples

Text

The CSS property to change the color of the text to Hex 680024 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 #680024 looks like.

```
.text, #text, p{  
    color:#680024  
}
```

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 #680024 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #680024
}
```

Border

The CSS property to change the border of an element to Hex 680024 is called "border". The border property can be set on classes, ids or directly on the HTML element.

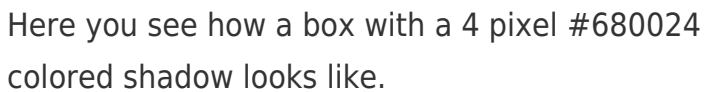
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#680024 }
```

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

```
.border{ border-color:#680024 }
```

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



Here you see how a box with a 4 pixel #680024 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #680024; -webkit-box-shadow:4px 4px  
4px 4px #680024; box-shadow:4px 4px 4px  
4px #680024 }
```

Background

The CSS property to change the background color of an element to Hex 680024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#680024 }
```

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

```
.background{ background-color:#680024 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor