

Converting Colors

Hex(680B00)

Have a look what the booklet for
Hex(680B00) contains.

Hex(680B00)	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(680B00)

Conversions

Conversions Part 1

Format	Color
Hex	680B00
RGB	104, 11, 0
RGB Percent	41%, 4%, 0%
CMY	0.5922, 0.9569, 1.0000
CMYK	0.00, 0.89, 1.00, 0.59
HSL	6°, 100%, 20%
HSV	6°, 100%, 41%
XYZ	5.8286, 3.1824, 0.3071
YIQ	37.5530, 58.9590, 16.2950

Conversions

Conversions Part 2

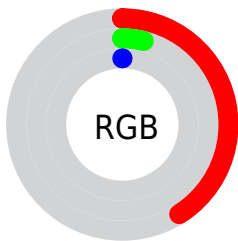
Format	Color
RYB	104, 12, 0
Decimal	6818560
CIELab	20.76, 38.72, 31.40
CIElCh	21, 49.855, 39.039
Yxy	3.1824, 0.6255, 0.3415
Android (android.graphics.Color)	4285008640 (0xFF680B00)
YUV	37.5530, -18.5136, 58.2740
Hunter-Lab	17.8393, 27.1022, 11.4670

Details

The Hex color **680B00** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **005D68**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **A2422F**, and **320001** is the 20% darker color. If you saturate the color by 10%, you get **680B00**, and if you desaturate by 10%, it is **68140A**.

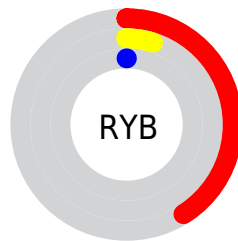
Distribution



Red (41%)

Green (4%)

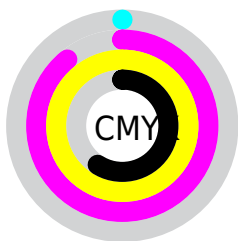
Blue (0%)



Red (41%)

Yellow (5%)

Blue (0%)

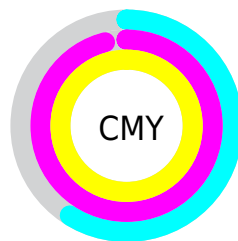


Cyan (0%)

Magenta (89%)

Yellow (100%)

Black (59%)



Cyan (59%)

Magenta (96%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 680B00 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 680B00 by changing the saturation by 10% instead.

 680B00

 680B00

 FFFFE2

 4B0000

 A2422F

 320001

 C05B45

 000000

 DE755D

 FC8F76

 FFAB90

 FFC6AB

 FFE3C6

 680B00

■ 68140A

■ 681E15

■ 68271F

■ 68302A

■ 683A34

■ 68433E

■ 684C49

■ 685553

■ 685F5E

Harmonies

Analogous

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



6F0029



680B00



532600

Triad

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



680B00



003F15



00347C

Complementary

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



680B00



005D68

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.



003D77



680B00



00413D

Square

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



680B00



053C00



004060



3E216C

Rectangle

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



680B00



403000



004060



00387D

Sweetspot

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



680B00



87635F



68005E



452F2C



C4C4C4



454545

Same Dimension

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



680B00



870E00



683E00



332E2E



730C00



F21A00

Inverse Universe

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



005D68



007987



002A68



2E3233



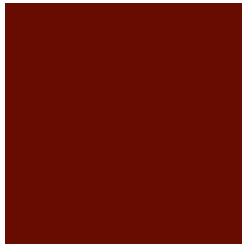
006773



00D9F2

Previews

White Background



This preview shows how the Hex color 680B00 looks on a white background.

Color Contrast Check

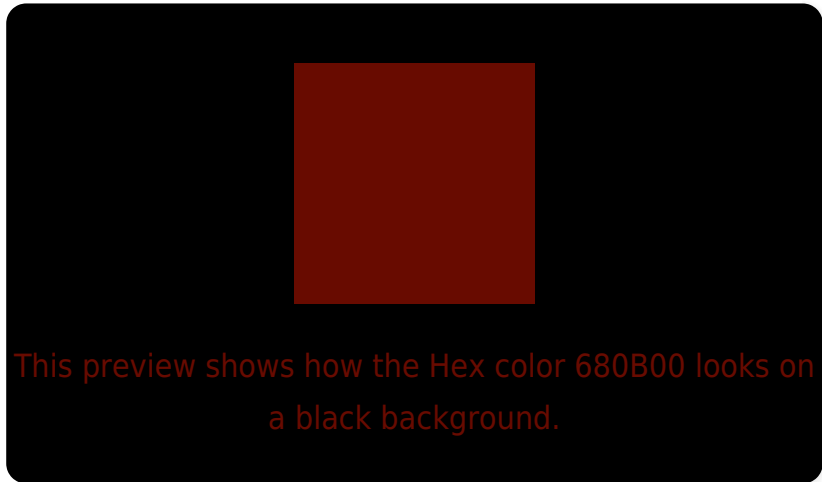
Large Text (above 18pt) WCAG AA ✓ Pass

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

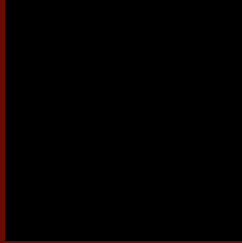
Any Text WCAG AA × Fail

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 680B00 Background



This preview shows how black text looks on a background with the Hex color 680B00.



This preview shows how white text looks on a background with the Hex color 680B00.

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
680B00

Protanopia
3C350D

Deuteranopia
433200



Tritanopia
680B07

Trichromacy



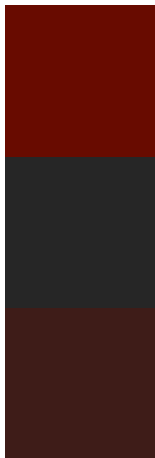
Original Color
680B00

Protanomaly
4C2608

Deuteranomaly
502400

Tritanomaly
680B04

Monochromacy



Original Color
680B00

Achromatopsia
2E2E2E

Achromatomaly
3E1C18

CSS Examples

Text

The CSS property to change the color of the text to Hex 680B00 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 #680B00 looks like.

```
.text, #text, p{  
    color:#680B00  
}
```

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 #680B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #680B00
}
```

Border

The CSS property to change the border of an element to Hex 680B00 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".

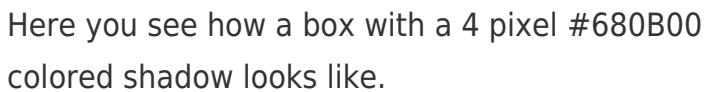
```
.border, #border, table{ border:4px solid
#680B00 }
```

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

```
.border{ border-color:#680B00 }
```

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

Here you see how a box with a 4 pixel #680B00 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #680B00; -webkit-box-shadow:4px 4px  
4px 4px #680B00; box-shadow:4px 4px 4px  
4px #680B00 }
```

Background

The CSS property to change the background color of an element to Hex 680B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#680B00 }
```

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

```
.background{ background-color:#680B00 }
```

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