

Converting Colors

Hex(680B6C)

Have a look what the booklet for
Hex(680B6C) contains.

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Color

Hex(680B6C)

Conversions

Conversions Part 1

Format	Color
Hex	680B6C
RGB	104, 11, 108
RGB Percent	41%, 4%, 42%
CMY	0.5922, 0.9569, 0.5765
CMYK	0.04, 0.90, 0.00, 0.58
HSL	298°, 82%, 23%
HSV	298°, 90%, 42%
XYZ	8.5354, 4.2651, 14.5607
YIQ	49.8650, 24.2910, 49.8830

Conversions

Conversions Part 2

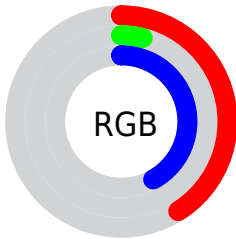
Format	Color
RYB	104, 11, 108
Decimal	6818668
CIELab	24.53, 49.21, -32.40
CIElCh	25, 58.918, 326.641
Yxy	4.2651, 0.3120, 0.1559
Android (android.graphics.Color)	4285008748 (0xFF680B6C)
YUV	49.8650, 28.6606, 47.4764
Hunter-Lab	20.6521, 37.6314, -27.3458

Details

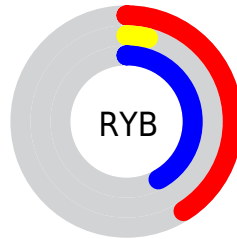
The Hex color **680B6C** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **0F6C0B**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **9E46A0**, and **35003C** is the 20% darker color. If you saturate the color by 10%, you get **68006C**, and if you desaturate by 10%, it is **68166C**.

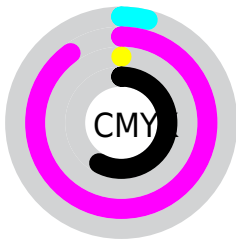
Distribution



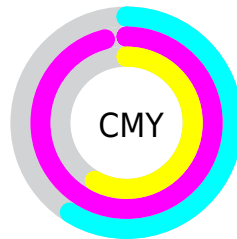
- Red (41%)
- Green (4%)
- Blue (42%)



- Red (41%)
- Yellow (4%)
- Blue (42%)



- Cyan (4%)
- Magenta (90%)
- Yellow (0%)
- Black (58%)



- Cyan (59%)
- Magenta (96%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 680B6C 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 680B6C by changing the saturation by 10% instead.

680B6C

680B6C

FFFFFF

4E0053

9E46A0

35003C

BA60BB

1C0025

D77BD7

00010E

F496F4

000000

FFB1FF

FFCEFF

FFE8FF

680B6C

680B6C

■ 68006C

■ 68166C

■ 69216C

■ 692B6C

■ 6A366C

■ 6A416C

■ 6B4C6C

■ 6B576C

■ 6C616C

■ 6C6C6C

Harmonies

Analogous

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



19318B



680B6C



820041

Triad

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



680B6C



4D3700



004C61

Complementary

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



680B6C



0F6C0B

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.



004B34



680B6C



204300

Square

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



680B6C



6D2000



004900



004A85

Rectangle

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



680B6C



830024



004900



004C53

Sweetspot

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



680B6C



8B668C



0B106C



463147



C7C7C7



474747

Same Dimension

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



680B6C



86008C



6C0B40



353036



700075



EB00F5

Inverse Universe

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



6C0B0F



8C0006



0B6C37



363030



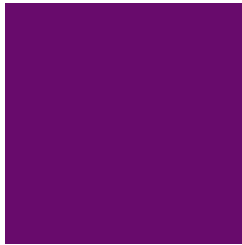
750005



F5000A

Previews

White Background



This preview shows how the Hex color 680B6C looks on a white background.

Color Contrast Check

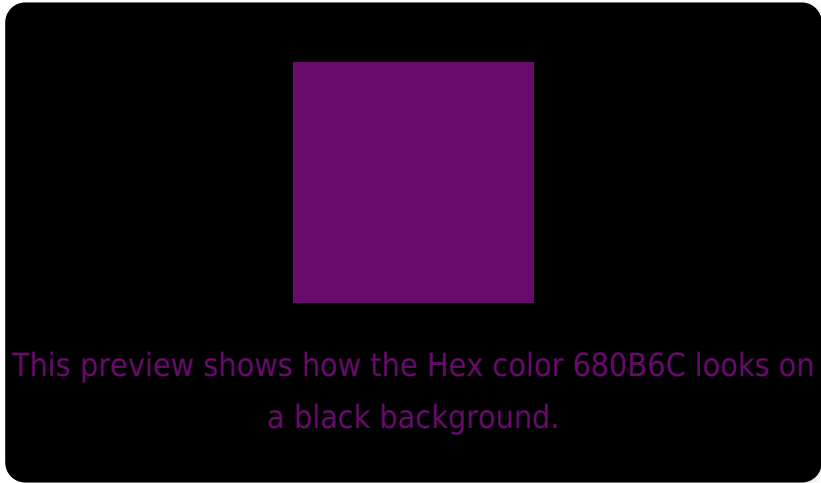
Large Text (above 18pt) WCAG AA ✓ Pass

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

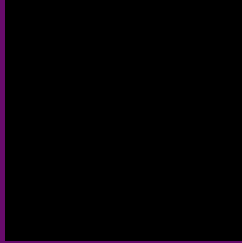
Any Text WCAG AA × Fail

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 680B6C Background



This preview shows how black text looks on a background with the Hex color 680B6C.



This preview shows how white text looks on a background with the Hex color 680B6C.

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
680B6C

Protanopia
003B7C

Deuteranopia
213D66



Tritanopia
612B2E

Trichromacy



Original Color
680B6C



Protanomaly
262A76



Deuteranomaly
3B2B68



Tritanomaly
641F45

Monochromacy



Original Color
680B6C



Achromatopsia
323232



Achromatomaly
462447

CSS Examples

Text

The CSS property to change the color of the text to Hex 680B6C 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 #680B6C looks like.

```
.text, #text, p{  
    color:#680B6C  
}
```

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 #680B6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #680B6C
}
```

Border

The CSS property to change the border of an element to Hex 680B6C is called "border". The border property can be set on classes, ids or directly on the HTML element.

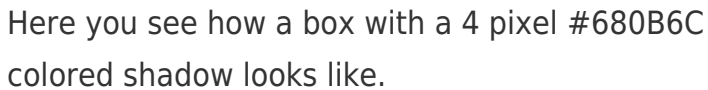
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#680B6C }
```

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

```
.border{ border-color:#680B6C }
```

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



Here you see how a box with a 4 pixel #680B6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #680B6C; -webkit-box-shadow:4px 4px  
4px 4px #680B6C; box-shadow:4px 4px 4px  
4px #680B6C }
```

Background

The CSS property to change the background color of an element to Hex 680B6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#680B6C }
```

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

```
.background{ background-color:#680B6C }
```

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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