

Converting Colors

Hex(680844)

Have a look what the booklet for
Hex(680844) contains.

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Color

Hex(680844)

Conversions

Conversions Part 1

Format	Color
Hex	680844
RGB	104, 8, 68
RGB Percent	41%, 3%, 27%
CMY	0.5922, 0.9686, 0.7333
CMYK	0.00, 0.92, 0.35, 0.59
HSL	322°, 86%, 22%
HSV	322°, 92%, 41%
XYZ	6.8391, 3.5341, 5.7905
YIQ	43.5440, 37.9560, 39.0120

Conversions

Conversions Part 2

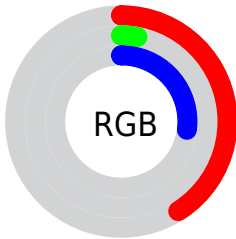
Format	Color
R_{YB}	104, 8, 68
Decimal	6817860
CIE _{Lab}	22.07, 43.88, -9.58
CIE _{LCh}	22, 44.916, 347.687
Yxy	3.5341, 0.4231, 0.2186
Android (android.graphics.Color)	4285007940 (0xFF680844)
YUV	43.5440, 12.0568, 53.0199
Hunter-Lab	18.7991, 32.0399, -5.1031




Details

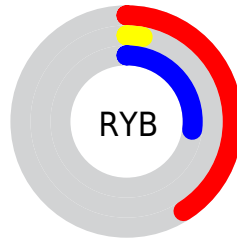
The Hex color **680844** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **08682C**, and the grayscale version is **2B2B2B**.




A 20% lighter version of the original color is **9F4274**, and **360019** is the 20% darker color. If you saturate the color by 10%, you get **680041**, and if you desaturate by 10%, it is **681248**.

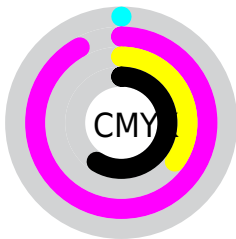
Distribution







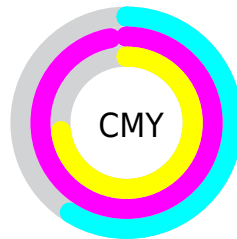
-  Red (41%)
-  Green (3%)
-  Blue (27%)






-  Red (41%)
-  Yellow (3%)
-  Blue (27%)



-  Cyan (0%)
-  Magenta (92%)
-  Yellow (35%)
-  Black (59%)



-  Cyan (59%)
-  Magenta (97%)
-  Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 680844 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 680844 by changing the saturation by 10% instead.

 680844

 680844

FFFFFF

 4E002E

 9F4274

 360019

 BB5C8E

 150000

 D877A8

 000000

 F591C3

 FFADDF

 FFC9FC

 FFE6FF

 680844

 680844

■ 680041

■ 681248

■ 681D4C

■ 682750

■ 683254

■ 683C58

■ 68465B

■ 68515F

■ 685B63

■ 686667

Harmonies

Analogous

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



4D2062



680844



6D0623

Triad

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



680844



303900



004266

Complementary

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



680844



08682C

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.



004348



680844



003F00

Square

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



680844



4D2E00



004225



003D77

Rectangle

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



680844



68160D



004225



00425D

Sweetspot

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



680844



876179



2B0868



452D3C



C4C4C4



454545

Same Dimension

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



680844



870054



680815



332E31



730048



F20097

Inverse Universe

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



680844



870054



08685B



332E31



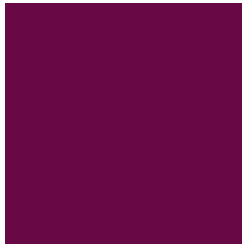
730048



F20097

Previews

White Background



This preview shows how the Hex color 680844 looks on a white background.

Color Contrast Check

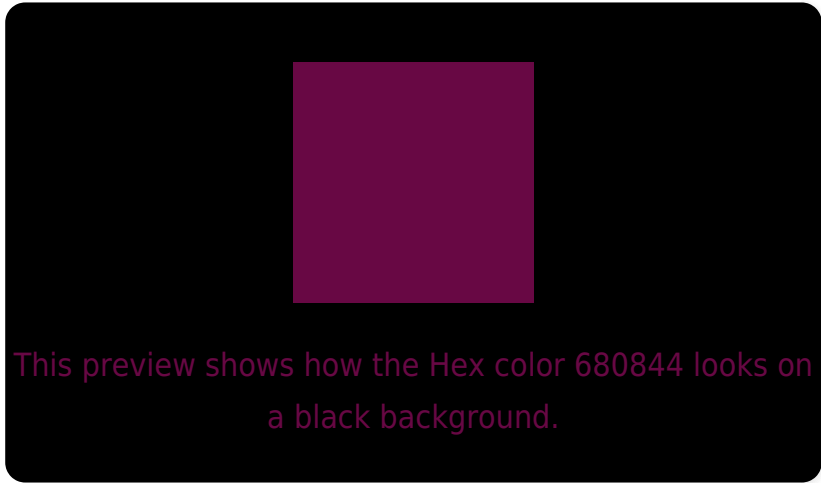
Large Text (above 18pt) WCAG AA ✓ Pass

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

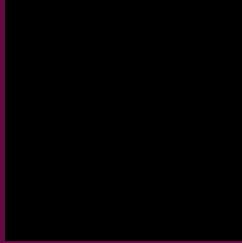
Any Text WCAG AA × Fail

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 680844 Background



This preview shows how black text looks on a background with the Hex color 680844.



This preview shows how white text looks on a background with the Hex color 680844.

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
680844

Protanopia
253661

Deuteranopia
39363F



Tritanopia
651C1D

Trichromacy



Original Color
680844

Protanomaly
3D2556

Deuteranomaly
4A2541

Tritanomaly
66152B

Monochromacy



Original Color
680844

Achromatopsia
2C2C2C

Achromatomaly
421F35

CSS Examples

Text

The CSS property to change the color of the text to Hex 680844 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 #680844 looks like.

```
.text, #text, p{  
    color:#680844  
}
```

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 #680844 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #680844
}
```

Border

The CSS property to change the border of an element to Hex 680844 is called "border". The border property can be set on classes, ids or directly on the HTML element.

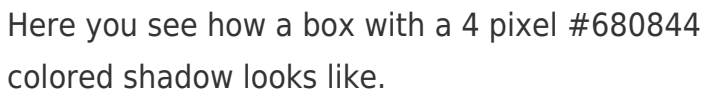
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#680844 }
```

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

```
.border{ border-color:#680844 }
```

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



Here you see how a box with a 4 pixel #680844 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #680844; -webkit-box-shadow:4px 4px  
4px 4px #680844; box-shadow:4px 4px 4px  
4px #680844 }
```

Background

The CSS property to change the background color of an element to Hex 680844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#680844 }
```

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

```
.background{ background-color:#680844 }
```

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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