

Converting Colors

Hex(680737)

Have a look what the booklet for
Hex(680737) contains.

Hex(680737)	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(680737)

Conversions

Conversions Part 1

Format	Color
Hex	680737
RGB	104, 7, 55
RGB Percent	41%, 3%, 22%
CMY	0.5922, 0.9725, 0.7843
CMYK	0.00, 0.93, 0.47, 0.59
HSL	330°, 87%, 22%
HSV	330°, 93%, 41%
XYZ	6.4745, 3.3708, 3.9238
YIQ	41.4750, 42.4040, 35.4920

Conversions

Conversions Part 2

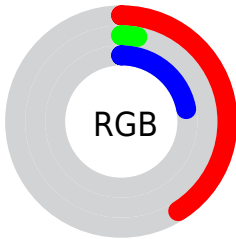
Format	Color
R_YB	104, 7, 55
Decimal	6817591
CIE Lab	21.47, 42.69, -1.45
CIE LCh	21, 42.710, 358.048
Yxy	3.3708, 0.4702, 0.2448
Android (android.graphics.Color)	4285007671 (0xFF680737)
YUV	41.4750, 6.6678, 54.8344
Hunter-Lab	18.3599, 30.8171, 0.1806

Details

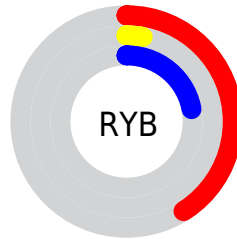
The Hex color **680737** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **076838**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **9F4166**, and **36000B** is the 20% darker color. If you saturate the color by 10%, you get **680033**, and if you desaturate by 10%, it is **68113C**.

Distribution



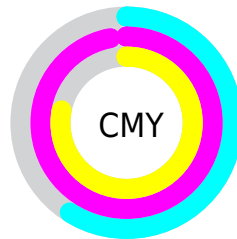
- Red (41%)
- Green (3%)
- Blue (22%)



- Red (41%)
- Yellow (3%)
- Blue (22%)



- Cyan (0%)
- Magenta (93%)
- Yellow (47%)
- Black (59%)



- Cyan (59%)
- Magenta (97%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 680737 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 680737 by changing the saturation by 10% instead.

 680737

 680737

FFFFFF

 4D0022

 9F4166

 36000B

 BC5B7F

 0F0000

 D97598

 000000

 F690B3

 FFACCF

 FFC8EB

 FFE4FF

 680737

 680737

■ 680033

■ 68113C

■ 681C42

■ 682647

■ 68314C

■ 683B51

■ 684557

■ 68505C

■ 685A61

■ 686566

Harmonies

Analogous

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



561955



680737



671118

Triad

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



680737



243A00



003F69

Complementary

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



680737



076838

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.



004151



680737



003F0F

Square

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



680737



423200



004130



003873

Rectangle

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



680737



5F1E00



004130



004062

Sweetspot

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



680737



876174



380768



452D39



C4C4C4



454545

Same Dimension

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



680737



870043



680707



332E30



730039



F20078

Inverse Universe

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



680737



870043



076868



332E30



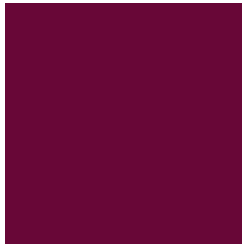
730039



F20078

Previews

White Background



This preview shows how the Hex color 680737 looks on a white background.

Color Contrast Check

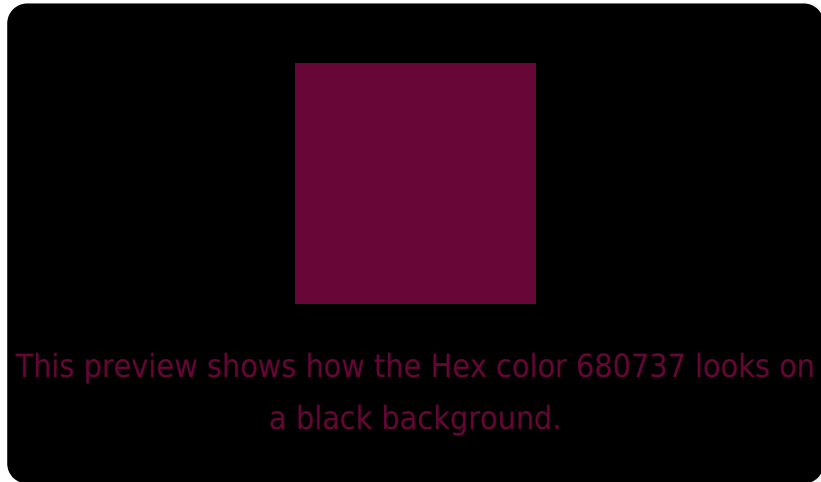
Large Text (above 18pt) WCAG AA ✓ Pass

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

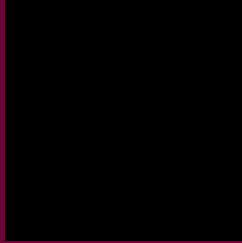
Any Text WCAG AA × Fail

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 680737 Background



This preview shows how black text looks on a background with the Hex color 680737.



This preview shows how white text looks on a background with the Hex color 680737.

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
680737

Protanopia
2E364F

Deuteranopia
3D3533

Trichromacy



Original Color
680737

Protanomaly
432546

Deuteranomaly
4D2434

Tritanomaly
671123

Monochromacy



Original Color
680737

Achromatopsia
292929

Achromatomaly
401D2E

CSS Examples

Text

The CSS property to change the color of the text to Hex 680737 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 #680737 looks like.

```
.text, #text, p{  
    color:#680737  
}
```

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 #680737 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #680737
}
```

Border

The CSS property to change the border of an element to Hex 680737 is called "border". The border property can be set on classes, ids or directly on the HTML element.

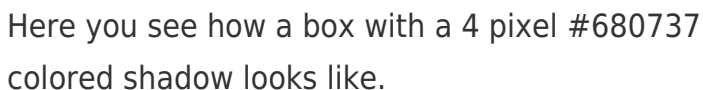
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#680737 }
```

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

```
.border{ border-color:#680737 }
```

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



Here you see how a box with a 4 pixel #680737 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #680737; -webkit-box-shadow:4px 4px  
4px 4px #680737; box-shadow:4px 4px 4px  
4px #680737 }
```

Background

The CSS property to change the background color of an element to Hex 680737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#680737 }
```

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

```
.background{ background-color:#680737 }
```

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