

Converting Colors

Hex(680B73)

Have a look what the booklet for
Hex(680B73) contains.

Hex(680B73)	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(680B73)

Conversions

Conversions Part 1

Format	Color
Hex	680B73
RGB	104, 11, 115
RGB Percent	41%, 4%, 45%
CMY	0.5922, 0.9569, 0.5490
CMYK	0.10, 0.90, 0.00, 0.55
HSL	294°, 83%, 25%
HSV	294°, 90%, 45%
XYZ	8.9231, 4.4202, 16.6025
YIQ	50.6630, 22.0440, 52.0600

Conversions

Conversions Part 2

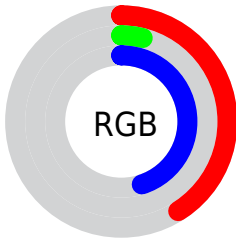
Format	Color
RYB	104, 11, 115
Decimal	6818675
CIELab	25.01, 50.46, -36.13
CIElCh	25, 62.062, 324.393
Yxy	4.4202, 0.2980, 0.1476
Android (android.graphics.Color)	4285008755 (0xFF680B73)
YUV	50.6630, 31.7181, 46.7765
Hunter-Lab	21.0243, 38.9663, -32.1034

Details

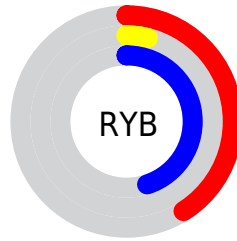
The Hex color **680B73** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **16730B**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **9E46A8**, and **340042** is the 20% darker color. If you saturate the color by 10%, you get **670073**, and if you desaturate by 10%, it is **691673**.

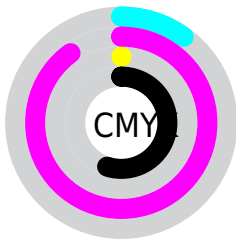
Distribution



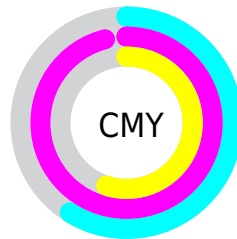
- Red (41%)
- Green (4%)
- Blue (45%)



- Red (41%)
- Yellow (4%)
- Blue (45%)



- Cyan (10%)
- Magenta (90%)
- Yellow (0%)
- Black (55%)



- Cyan (59%)
- Magenta (96%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 680B73 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 680B73 by changing the saturation by 10% instead.

680B73

680B73

FFFFFF

4E005A

9E46A8

340042

BA61C3

1C002B

D77BDF

000115

F496FC

000000

FFB2FF

FFCEFF

FFE8FF

680B73

680B73

670073

691673

6A2273

6C2D73

6D3973

6E4473

6F5073

715C73

726773

737273

Harmonies

Analogous

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



003393



680B73



850046

Triad

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



680B73



513700



004D61

Complementary

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



680B73



16730B

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.



004C31



680B73



234400

Square

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



680B73



731C00



004A00



004C88

Rectangle

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



680B73



890028



004A00



004D52

Sweetspot

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



680B73



926E96



0B1773



4A344D



CCCCCC



4D4D4D

Same Dimension

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



680B73



870096



730B4B



3A353B



6D007A



DF00FA

Inverse Universe

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



730B16



960010



0B7333



3B3535



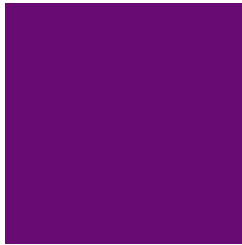
7A000D



FA001A

Previews

White Background



This preview shows how the Hex color 680B73 looks on a white background.

Color Contrast Check

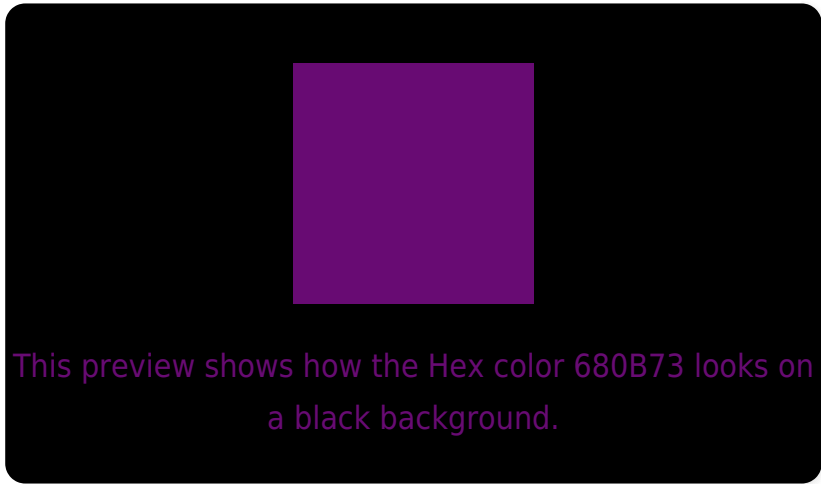
Large Text (above 18pt) WCAG AA ✓ Pass

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

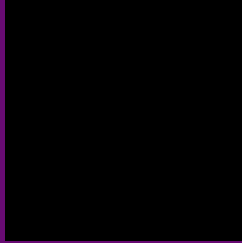
Any Text WCAG AA × Fail

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 680B73 Background



This preview shows how black text looks on a background with the Hex color 680B73.



This preview shows how white text looks on a background with the Hex color 680B73.

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
680B73

Protanopia
003C7E

Deuteranopia
163F6C



Tritanopia
602E31

Trichromacy



Original Color
680B73

Protanomaly
262A7A

Deuteranomaly
342C6F

Tritanomaly
632149

Monochromacy



Original Color
680B73

Achromatopsia
333333

Achromatomaly
46244A

CSS Examples

Text

The CSS property to change the color of the text to Hex 680B73 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 #680B73 looks like.

```
.text, #text, p{  
  color:#680B73  
}
```

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 #680B73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #680B73
}
```

Border

The CSS property to change the border of an element to Hex 680B73 is called "border". The border property can be set on classes, ids or directly on the HTML element.

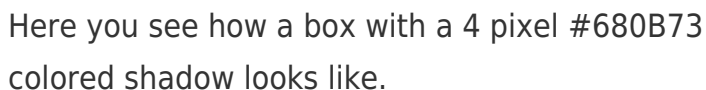
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#680B73 }
```

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

```
.border{ border-color:#680B73 }
```

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



Here you see how a box with a 4 pixel #680B73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #680B73; -webkit-box-shadow:4px 4px  
4px 4px #680B73; box-shadow:4px 4px 4px  
4px #680B73 }
```

Background

The CSS property to change the background color of an element to Hex 680B73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#680B73 }
```

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

```
.background{ background-color:#680B73 }
```

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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