

Converting Colors

Hex(68057B)

Have a look what the booklet for
Hex(68057B) contains.

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Color

Hex(68057B)

Conversions

Conversions Part 1

Format	Color
Hex	68057B
RGB	104, 5, 123
RGB Percent	41%, 2%, 48%
CMY	0.5922, 0.9804, 0.5176
CMYK	0.15, 0.96, 0.00, 0.52
HSL	290°, 92%, 25%
HSV	290°, 96%, 48%
XYZ	9.3383, 4.4817, 19.1118
YIQ	48.0530, 21.1260, 57.6860

Conversions

Conversions Part 2

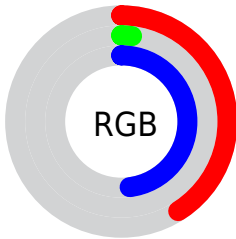
Format	Color
R_{YB}	104, 5, 123
Decimal	6817147
CIE _{Lab}	25.20, 53.11, -40.94
CIE _{LCh}	25, 67.061, 322.376
Yxy	4.4817, 0.2836, 0.1361
Android (android.graphics.Color)	4285007227 (0xFF68057B)
YUV	48.0530, 36.9489, 49.0655
Hunter-Lab	21.1699, 41.6914, -38.7068

Details

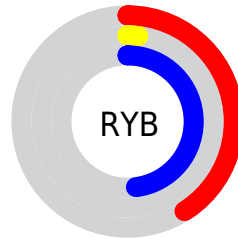
The Hex color **68057B** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **187B05**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **9F45B0**, and **340049** is the 20% darker color. If you saturate the color by 10%, you get **67007B**, and if you desaturate by 10%, it is **6A117B**.

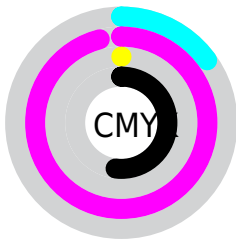
Distribution



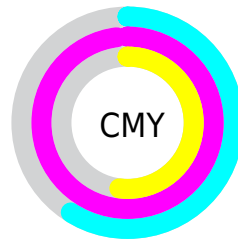
- Red (41%)
- Green (2%)
- Blue (48%)



- Red (41%)
- Yellow (2%)
- Blue (48%)



- Cyan (15%)
- Magenta (96%)
- Yellow (0%)
- Black (52%)



- Cyan (59%)
- Magenta (98%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68057B 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 68057B by changing the saturation by 10% instead.

 68057B

 68057B

FFFFFF

 4D0062

 9F45B0

 340049

 BB5FCC

 1B0032

 D87AE8

 00011C

 F595FF

 000000

 FFB1FF

 FFCDFD

 FFEAFF

 68057B

 68057B

67007B

6A117B

6C1E7B

6E2A7B

70367B

72437B

744F7B

765B7B

78677B

7A747B

Harmonies

Analogous

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



00359C



68057B



8A004B

Triad

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



68057B



553600



004F62

Complementary

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



68057B



187B05

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.



004E2D



68057B



244400

Square

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



68057B



781400



004B00



004E8D

Rectangle

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



68057B



8F002A



004B00



004F50

Sweetspot

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



68057B



9972A1



05197B



4D3552



D1D1D1



525252

Same Dimension

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



68057B



8700A1



7B0554



3C373D



69007D



D400FC

Inverse Universe

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



7B0518



A1001A



057B2C



3D3738



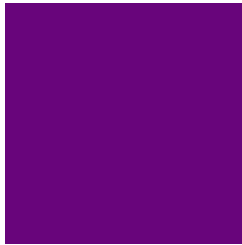
7D0014



FC0029

Previews

White Background



This preview shows how the Hex color 68057B looks on a white background.

Color Contrast Check

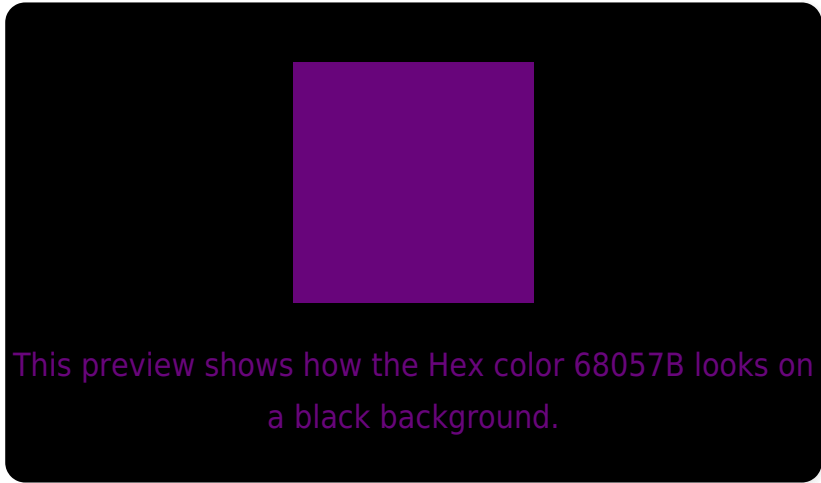
Large Text (above 18pt) WCAG AA ✓ Pass

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

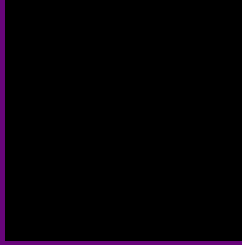
Any Text WCAG AA × Fail

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 68057B Background



This preview shows how black text looks on a background with the Hex color 68057B.

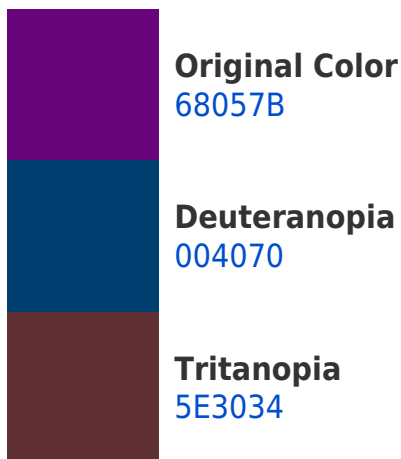


This preview shows how white text looks on a background with the Hex color 68057B.

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



Trichromacy

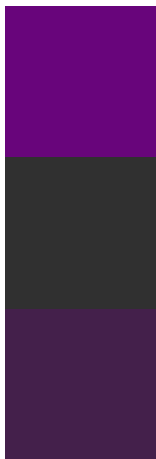


Original Color
68057B

Deuteranomaly
262B74

Tritanomaly
62204E

Monochromacy



Original Color
68057B

Achromatopsia
303030

Achromatomaly
44204B

CSS Examples

Text

The CSS property to change the color of the text to Hex 68057B 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 #68057B looks like.

```
.text, #text, p{  
    color:#68057B  
}
```

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 #68057B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68057B
}
```

Border

The CSS property to change the border of an element to Hex 68057B is called "border". The border property can be set on classes, ids or directly on the HTML element.

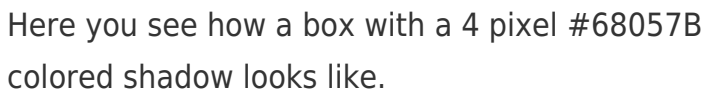
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#68057B }
```

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

```
.border{ border-color:#68057B }
```

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



Here you see how a box with a 4 pixel #68057B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68057B; -webkit-box-shadow:4px 4px  
4px 4px #68057B; box-shadow:4px 4px 4px  
4px #68057B }
```

Background

The CSS property to change the background color of an element to Hex 68057B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68057B }
```

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

```
.background{ background-color:#68057B }
```

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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