

Converting Colors

Hex(68007C)

Have a look what the booklet for
Hex(68007C) contains.

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Color

Hex(68007C)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 68007C |
| RGB | 104, 0, 124 |
| RGB Percent | 41%, 0%, 49% |
| CMY | 0.5922, 1.0000, 0.5137 |
| CMYK | 0.16, 1.00, 0.00, 0.51 |
| HSL | 290°, 100%, 24% |
| HSV | 290°, 100%, 49% |
| XYZ | 9.3470, 4.3983, 19.4251 |
| YIQ | 45.2320, 22.1800, 60.6120 |

Conversions

Conversions Part 2

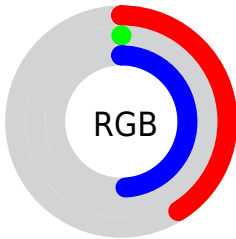
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 104, 0, 124 |
| Decimal | 6815868 |
| CIELab | 24.95, 54.29, -41.99 |
| CIElCh | 25, 68.638, 322.281 |
| Yxy | 4.3983, 0.2818, 0.1326 |
| Android (android.graphics.Color) | 4285005948 (0xFF68007C) |
| YUV | 45.2320, 38.8326, 51.5395 |
| Hunter-Lab | 20.9721, 42.8541, -40.2360 |

Details

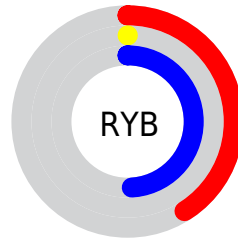
The Hex color **68007C** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **147C00**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **9F43B1**, and **33004A** is the 20% darker color. If you saturate the color by 10%, you get **68007C**, and if you desaturate by 10%, it is **6A0C7C**.

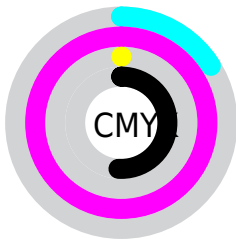
Distribution



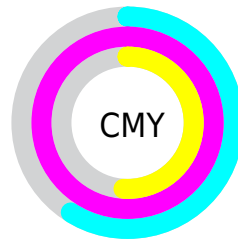
- Red (41%)
- Green (0%)
- Blue (49%)



- Red (41%)
- Yellow (0%)
- Blue (49%)



- Cyan (16%)
- Magenta (100%)
- Yellow (0%)
- Black (51%)



- Cyan (59%)
- Magenta (100%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68007C 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 68007C by changing the saturation by 10% instead.

 68007C

 68007C

FFFFFF

 4D0063

 9F43B1

 33004A

 BB5DCD

 1A0033

 D878EA

 00021C

 F593FF

 000000

 FFAFFF

 FFCBFF

 FFE8FF

 68007C

 6A0C7C

 6C197C

 6E257C

 70327C

 723E7C

 744A7C

 76577C

 78637C

 7A707C

Harmonies

Analogous

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



00349E



68007C



8B004B

Triad

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



68007C



553500



004E62

Complementary

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



68007C



147C00

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.



004D2C



68007C



224400

Square

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



68007C



781100



004A00



004E8E

Rectangle

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



68007C



8F0029



004A00



004E50

Sweetspot

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



68007C



9970A1



00157C



4D3452



D1D1D1



525252

Same Dimension

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



68007C



8700A1



7C0053



3C373D



69007D



D400FC

Inverse Universe

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



7C0014



A1001A



007C29



3D3738



7D0014



FC0029

Previews

White Background



This preview shows how the Hex color 68007C looks on a white background.

Color Contrast Check

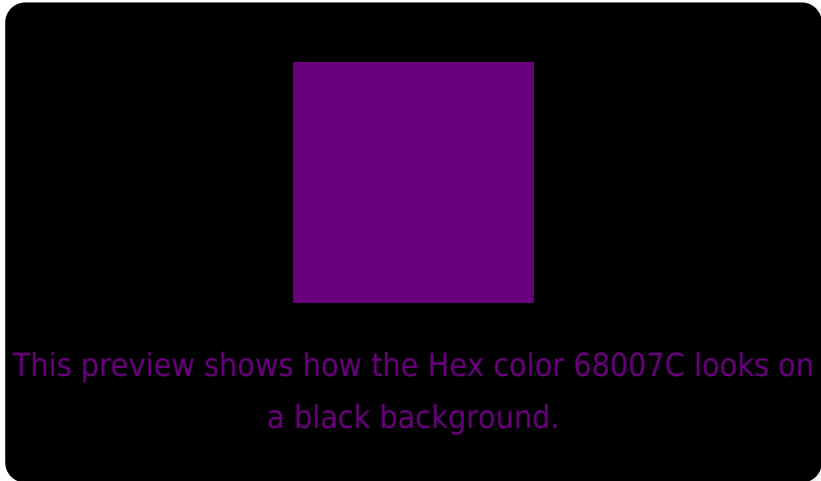
Large Text (above 18pt) WCAG AA ✓ Pass

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

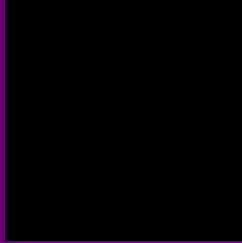
Any Text WCAG AA × Fail

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 68007C Background



This preview shows how black text looks on a background with the Hex color 68007C.



This preview shows how white text looks on a background with the Hex color 68007C.

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
68007C

Protanopia
003D80

Deuteranopia
004071



Tritanopia
5E3134

Trichromacy



Original Color
68007C

Protanomaly
26277F

Deuteranomaly
262975

Tritanomaly
621F4E

Monochromacy



Original Color
68007C

Achromatopsia
2D2D2D

Achromatomaly
421D4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 68007C 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 #68007C looks like.

```
.text, #text, p{  
    color:#68007C  
}
```

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 #68007C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68007C
}
```

Border

The CSS property to change the border of an element to Hex 68007C is called "border". The border property can be set on classes, ids or directly on the HTML element.

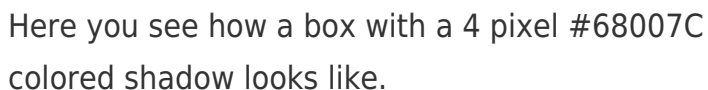
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#68007C }
```

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

```
.border{ border-color:#68007C }
```

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



Here you see how a box with a 4 pixel #68007C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68007C; -webkit-box-shadow:4px 4px  
4px 4px #68007C; box-shadow:4px 4px 4px  
4px #68007C }
```

Background

The CSS property to change the background color of an element to Hex 68007C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68007C }
```

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

```
.background{ background-color:#68007C }
```

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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