

Converting Colors

Hex(780B8F)

Have a look what the booklet for
Hex(780B8F) contains.

Hex(780B8F)	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(780B8F)

Conversions

Conversions Part 1

Format	Color
Hex	780B8F
RGB	120, 11, 143
RGB Percent	47%, 4%, 56%
CMY	0.5294, 0.9569, 0.4392
CMYK	0.16, 0.92, 0.00, 0.44
HSL	290°, 86%, 30%
HSV	290°, 92%, 56%
XYZ	12.8233, 6.2156, 26.5105
YIQ	58.6390, 22.5920, 64.1600

Conversions

Conversions Part 2

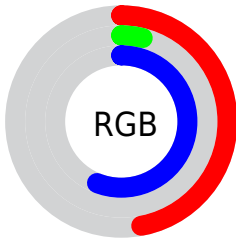
Format	Color
R_{YB}	120, 11, 143
Decimal	7867279
CIE _{Lab}	29.95, 58.38, -45.66
CIE _{LCh}	30, 74.119, 321.970
Yxy	6.2156, 0.2815, 0.1365
Android (android.graphics.Color)	4286057359 (0xFF780B8F)
YUV	58.6390, 41.5900, 53.8136
Hunter-Lab	24.9311, 48.1823, -45.5943

Details

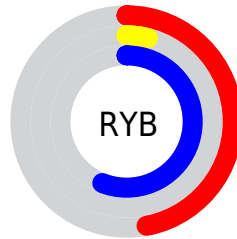
The Hex color **780B8F** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **228F0B**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **B04BC6**, and **42005C** is the 20% darker color. If you saturate the color by 10%, you get **76008F**, and if you desaturate by 10%, it is **7A198F**.

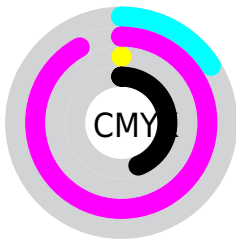
Distribution



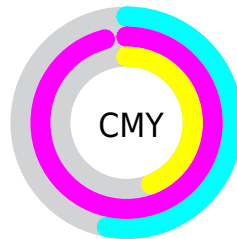
- Red (47%)
- Green (4%)
- Blue (56%)



- Red (47%)
- Yellow (4%)
- Blue (56%)



- Cyan (16%)
- Magenta (92%)
- Yellow (0%)
- Black (44%)



- Cyan (53%)
- Magenta (96%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 780B8F 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 780B8F by changing the saturation by 10% instead.

 780B8F

 780B8F

FFFFFF

 5D0075

 B04BC6

 42005C

 CD67E2

 2B0044

 EA82FF

 00002C

 FF9EFF

 000116

 FFBAFF

 000000

 FFD6FF

 FFF4FF

 780B8F

 780B8F

■ 76008F

■ 7A198F

■ 7D288F

■ 7F368F

■ 82448F

■ 84528F

■ 87618F

■ 896F8F

■ 8C7D8F

■ 8E8C8F

Harmonies

Analogous

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



003FB4



780B8F



9F0059

Triad

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



780B8F



643F00



005C71

Complementary

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



780B8F



228F0B

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.



005B35



780B8F



2D5000

Square

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



780B8F



8C1900



005800



005BA2

Rectangle

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



780B8F



A50033



005800



005C5D

Sweetspot

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



780B8F



B186BA



0B238F



593E5E



DEDEDE



5E5E5E

Same Dimension

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



780B8F



9A00BA



8F0B65



464047



700087



060008

Inverse Universe

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



8F0B22



BA0020



0B8F35



474042



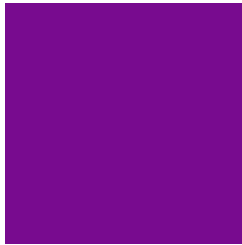
870018



080001

Previews

White Background



This preview shows how the Hex color 780B8F looks on a white background.

Color Contrast Check

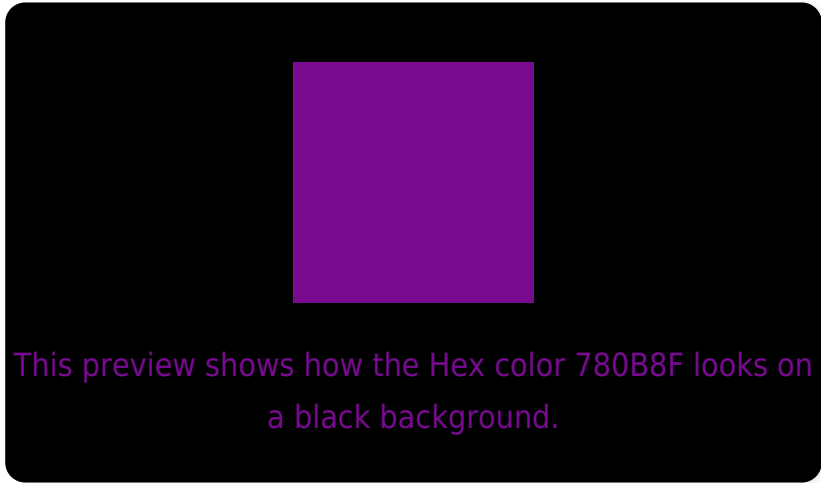
Large Text (above 18pt) WCAG AA ✓ Pass

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 780B8F Background



This preview shows how black text looks on a background with the Hex color 780B8F.



This preview shows how white text looks on a background with the Hex color 780B8F.

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
780B8F

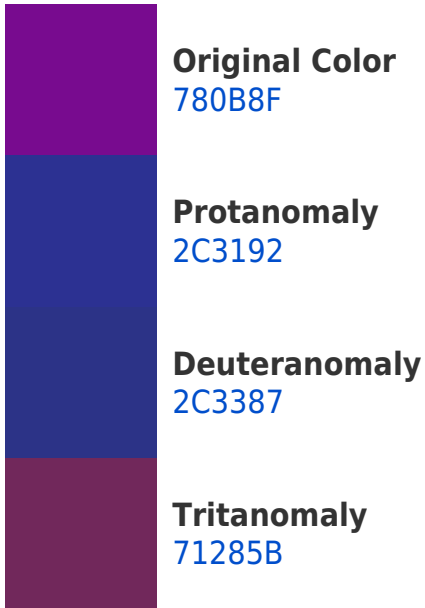
Protanopia
004694

Deuteranopia
004A83

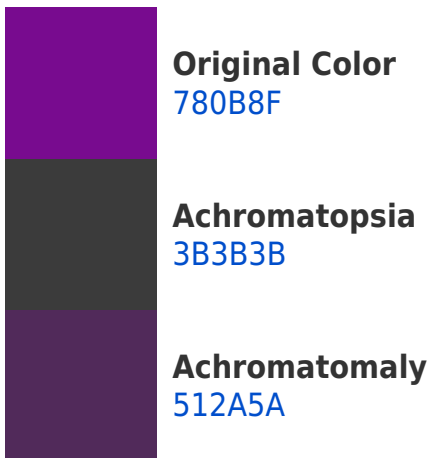


Tritanopia
6D393D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 780B8F 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 #780B8F looks like.

```
.text, #text, p{  
  color:#780B8F  
}
```

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 #780B8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #780B8F
}
```

Border

The CSS property to change the border of an element to Hex 780B8F is called "border". The border property can be set on classes, ids or directly on the HTML element.

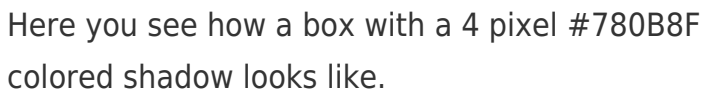
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#780B8F }
```

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

```
.border{ border-color:#780B8F }
```

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



Here you see how a box with a 4 pixel #780B8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #780B8F; -webkit-box-shadow:4px 4px  
4px 4px #780B8F; box-shadow:4px 4px 4px  
4px #780B8F }
```

Background

The CSS property to change the background color of an element to Hex 780B8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#780B8F }
```

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

```
.background{ background-color:#780B8F }
```

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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