

# Converting Colors

Hex(801778)

Have a look what the booklet for  
Hex(801778) contains.

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**Color**

**Hex(801778)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	801778
RGB	128, 23, 120
RGB Percent	50%, 9%, 47%
CMY	0.4980, 0.9098, 0.5294
CMYK	0.00, 0.82, 0.06, 0.50
HSL	305°, 70%, 30%
HSV	305°, 82%, 50%
XYZ	12.5986, 6.5581, 18.3711
YIQ	65.4530, 31.4430, 52.4270

# Conversions

## Conversions Part 2

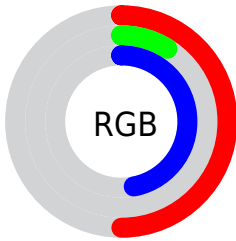
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 23, 120
Decimal	8394616
CIE <sub>Lab</sub>	30.78, 53.30, -29.86
CIE <sub>LCh</sub>	31, 61.098, 330.741
Yxy	6.5581, 0.3357, 0.1748
Android (android.graphics.Color)	4286584696 (0xFF801778)
YUV	65.4530, 26.8917, 54.8537
Hunter-Lab	25.6087, 43.0010, -24.6072

# Details

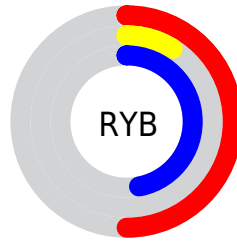
The Hex color **801778** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **17801F**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **B851AD**, and **4B0047** is the 20% darker color. If you saturate the color by 10%, you get **800A77**, and if you desaturate by 10%, it is **802479**.

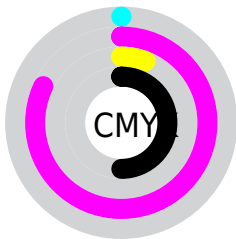
# Distribution



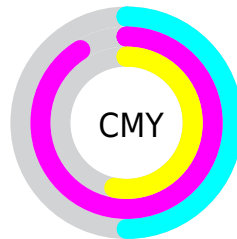
- Red (50%)
- Green (9%)
- Blue (47%)



- Red (50%)
- Yellow (9%)
- Blue (47%)



- Cyan (0%)
- Magenta (82%)
- Yellow (6%)
- Black (50%)



- Cyan (50%)
- Magenta (91%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 801778 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 801778 by changing the saturation by 10% instead.



 801778

 801778

FFFFFF

 65005F

 B851AD

 4B0047

 D56CC8

 340030

 F287E4

 12001A

 FFA3FF

 000000

 FFBFFF

 FFDCCF

 FFF9FF

 801778

 801778

■ 800A77

■ 802479

■ 800076

■ 80317A

■ 803D7B

■ 804A7C

■ 80577D

■ 80647E

■ 80717F

■ 807D80

■ 808A81

# Harmonies

## Analogous

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



3F3B9C



801778



97004A

# Triad

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



801778



594700



005C79

# Complementary

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



801778



17801F

# 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.



005B48



801778



285300

# Square

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



801778



7D3200



005914



00599C

# Rectangle

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



801778



98002A



005914



005C69



# Sweetspot

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



801778



A67CA3



1E1780



543B52



D4D4D4



545454



# Same Dimension

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



801778



A60399



801745



40393F



800076



000000



# Inverse Universe

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



801778



A60399



178052



40393F



800076



000000



# Previews

## White Background



This preview shows how the Hex color 801778 looks on a white background.

## Color Contrast Check

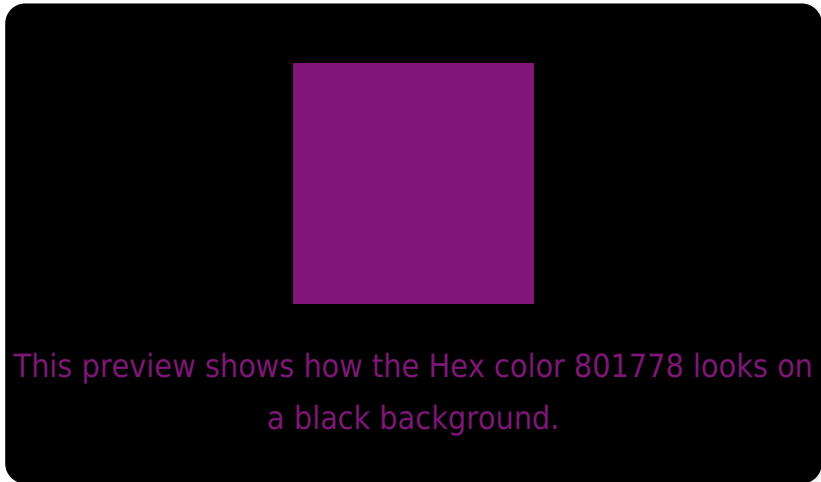
Large Text (above 18pt) WCAG AA ✓ Pass

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

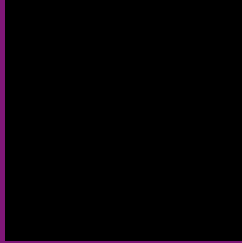
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 801778 Background



This preview shows how black text looks on a background with the Hex color 801778.

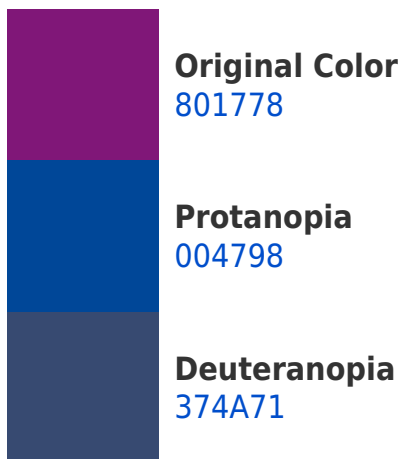



This preview shows how white text looks on a background with the Hex color 801778.

# 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





**Tritanopia**  
793336

# Trichromacy



**Original Color**  
801778



**Protanomaly**  
2F368C



**Deuteranomaly**  
523774



**Tritanomaly**  
7C294E

# Monochromacy



**Original Color**  
801778



**Achromatopsia**  
414141



**Achromatomaly**  
583255

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 801778 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 #801778 looks like.

```
.text, #text, p{  
    color:#801778  
}
```

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 #801778 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #801778  
}
```

## Border

The CSS property to change the border of an element to Hex 801778 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  
#801778 }
```

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

```
.border{ border-color:#801778 }
```

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

Here you see how a box with a 4 pixel #801778 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #801778; -webkit-box-shadow:4px 4px  
4px 4px #801778; box-shadow:4px 4px 4px  
4px #801778 }
```

# Background

The CSS property to change the background color of an element to Hex 801778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#801778 }
```

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

```
.background{ background-color:#801778 }
```

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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