

Converting Colors

Hex(8010C2)

Have a look what the booklet for
Hex(8010C2) contains.

Hex(8010C2)	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(8010C2)

Conversions

Conversions Part 1

Format	Color
Hex	8010C2
RGB	128, 16, 194
RGB Percent	50%, 6%, 76%
CMY	0.4980, 0.9373, 0.2392
CMYK	0.34, 0.92, 0.00, 0.24
HSL	278°, 85%, 41%
HSV	278°, 92%, 76%
XYZ	18.8250, 8.8548, 51.7559
YIQ	69.7800, 9.6140, 79.1020

Conversions

Conversions Part 2

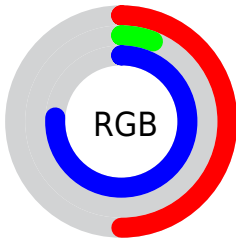
Format	Color
R_{YB}	128, 16, 194
Decimal	8392898
CIE _{Lab}	35.70, 68.59, -66.94
CIE _{LCh}	36, 95.846, 315.698
Yxy	8.8548, 0.2370, 0.1115
Android (android.graphics.Color)	4286582978 (0xFF8010C2)
YUV	69.7800, 61.2405, 51.0589
Hunter-Lab	29.7570, 60.8483, -82.2921

Details

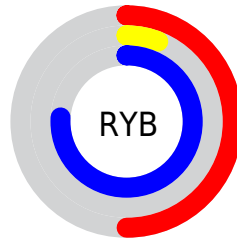
The Hex color **8010C2** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **52C210**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **BB52FC**, and **45008B** is the 20% darker color. If you saturate the color by 10%, you get **7A00C2**, and if you desaturate by 10%, it is **8723C2**.

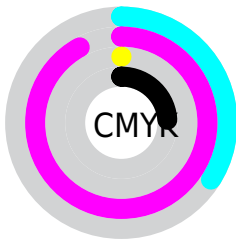
Distribution



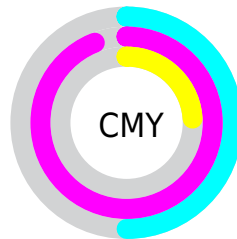
- Red (50%)
- Green (6%)
- Blue (76%)



- Red (50%)
- Yellow (6%)
- Blue (76%)



- Cyan (34%)
- Magenta (92%)
- Yellow (0%)
- Black (24%)



- Cyan (50%)
- Magenta (94%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8010C2 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 8010C2 by changing the saturation by 10% instead.

 8010C2

 8010C2

FFFFFF

 6300A6

 BB52FC

 45008B

 D86EFF

 250071

 F78AFF

 000057

 FFA7FF

 00013F

 FFC3FF

 000328

 FFE0FF

 000111

 FFFEFF

 000000

 8010C2

 8010C2

■ 7A00C2

■ 8723C2

■ 8E37C2

■ 964AC2

■ 9D5EC2

■ A471C2

■ AB84C2

■ B298C2

■ BAABC2

■ C1BFC2

Harmonies

Analogous

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



0053ED



8010C2



C2007C

Triad

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



8010C2



854300



006F7C

Complementary

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



8010C2



52C210

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.



006D2A



8010C2



405D00

Square

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



8010C2



B50000



006800



006FC3

Rectangle

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



8010C2



CF004A



006800



006E62

Sweetspot

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



8010C2



E2B6FC



1054C2



6F5480



000000



808080

Same Dimension

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



8010C2



9F00FC



C210AD



5D5761



6500A1



150021

Inverse Universe

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



C21052



FC005E



10C225



61575B



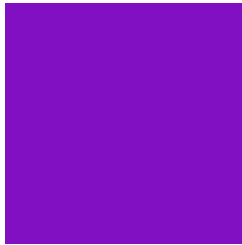
A1003C



21000C

Previews

White Background



This preview shows how the Hex color 8010C2 looks on a white background.

Color Contrast Check

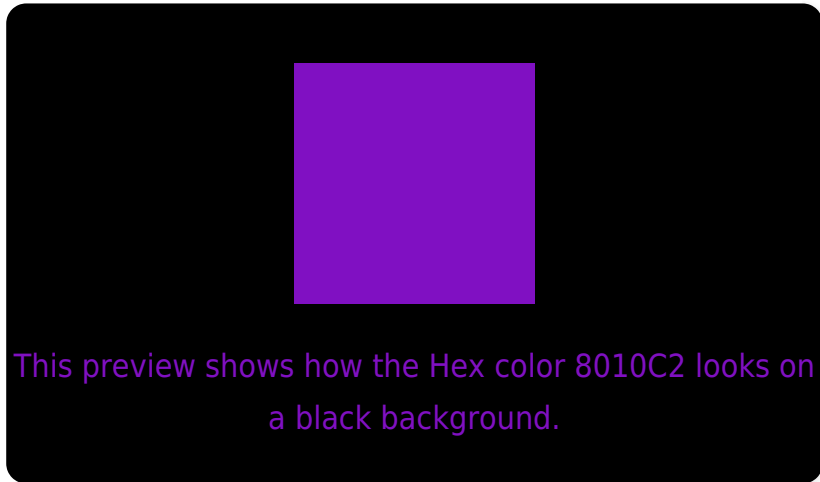
Large Text (above 18pt) WCAG AA ✓ Pass

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

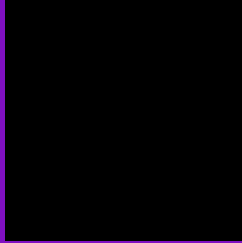
Any Text WCAG AA × Fail

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 8010C2 Background



This preview shows how black text looks on a background with the Hex color 8010C2.



This preview shows how white text looks on a background with the Hex color 8010C2.

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
8010C2

Protanopia
0052AD

Deuteranopia
005896



Tritanopia
6B4D53

Trichromacy



Original Color
8010C2



Protanomaly
2F3AB5



Deuteranomaly
2F3EA6



Tritanomaly
73377B

Monochromacy



Original Color
8010C2



Achromatopsia
464646



Achromatomaly
5B3273

CSS Examples

Text

The CSS property to change the color of the text to Hex 8010C2 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 #8010C2 looks like.

```
.text, #text, p{  
    color:#8010C2  
}
```

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 #8010C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8010C2
}
```

Border

The CSS property to change the border of an element to Hex 8010C2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

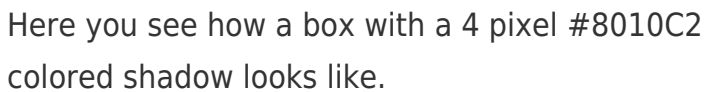
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8010C2 }
```

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

```
.border{ border-color:#8010C2 }
```

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



Here you see how a box with a 4 pixel #8010C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8010C2; -webkit-box-shadow:4px 4px  
4px 4px #8010C2; box-shadow:4px 4px 4px  
4px #8010C2 }
```

Background

The CSS property to change the background color of an element to Hex 8010C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8010C2 }
```

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

```
.background{ background-color:#8010C2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor