

Converting Colors

Hex(8015C7)

Have a look what the booklet for
Hex(8015C7) contains.

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Color

Hex(8015C7)

Conversions

Conversions Part 1

Format	Color
Hex	8015C7
RGB	128, 21, 199
RGB Percent	50%, 8%, 78%
CMY	0.4980, 0.9176, 0.2196
CMYK	0.36, 0.89, 0.00, 0.22
HSL	276°, 81%, 43%
HSV	276°, 89%, 78%
XYZ	19.4791, 9.2490, 54.7914
YIQ	73.2850, 6.6340, 78.0420

Conversions

Conversions Part 2

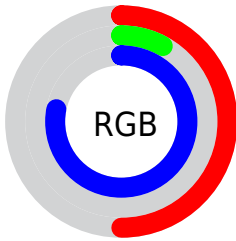
Format	Color
R_{YB}	128, 21, 199
Decimal	8394183
CIE _{Lab}	36.46, 68.67, -68.63
CIE _{LCh}	36, 97.089, 315.017
Yxy	9.2490, 0.2332, 0.1107
Android (android.graphics.Color)	4286584263 (0xFF8015C7)
YUV	73.2850, 61.9775, 47.9851
Hunter-Lab	30.4122, 61.1079, -85.5297

Details

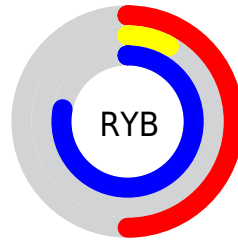
The Hex color **8015C7** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **5CC715**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **BB55FF**, and **450090** is the 20% darker color. If you saturate the color by 10%, you get **7801C7**, and if you desaturate by 10%, it is **8829C7**.

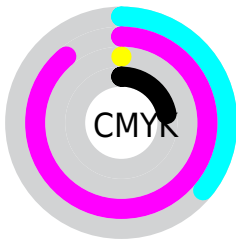
Distribution



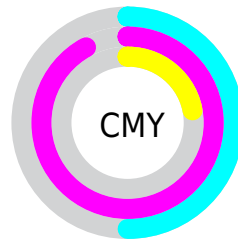
- Red (50%)
- Green (8%)
- Blue (78%)



- Red (50%)
- Yellow (8%)
- Blue (78%)



- Cyan (36%)
- Magenta (89%)
- Yellow (0%)
- Black (22%)



- Cyan (50%)
- Magenta (92%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8015C7 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 8015C7 by changing the saturation by 10% instead.

 8015C7

 8015C7

FFFFFF

 6300AB

 BB55FF

 450090

 D971FF

 230075

 F78DFF

 00005C

 FFA9FF

 000043

 FFC6FF

 00032C

 FFE3FF

 000116

 000000

 8015C7

 8015C7

■ 7801C7

■ 8829C7

■ 7800C7

■ 903DC7

■ 9851C7

■ A065C7

■ A879C7

■ B08CC7

■ B8A0C7

■ C0B4C7

■ C7C8C7

Harmonies

Analogous

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



0055F2



8015C7



C50080

Triad

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



8015C7



894300



00717D

Complementary

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



8015C7



5CC715

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.



006F29



8015C7



445F00

Square

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



8015C7



BA0000



006A00



0072C6

Rectangle

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



8015C7



D3004D



006A00



007062

Sweetspot

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



8015C7



E4BAFF



155CC7



6F5780



000000



808080

Same Dimension

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



8015C7



9900FF



C715B5



5F5A63



6200A3



150024

Inverse Universe

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



C7155C



FF0066



15C727



635A5D



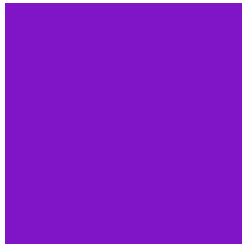
A30041



24000E

Previews

White Background



This preview shows how the Hex color 8015C7 looks on a white background.

Color Contrast Check

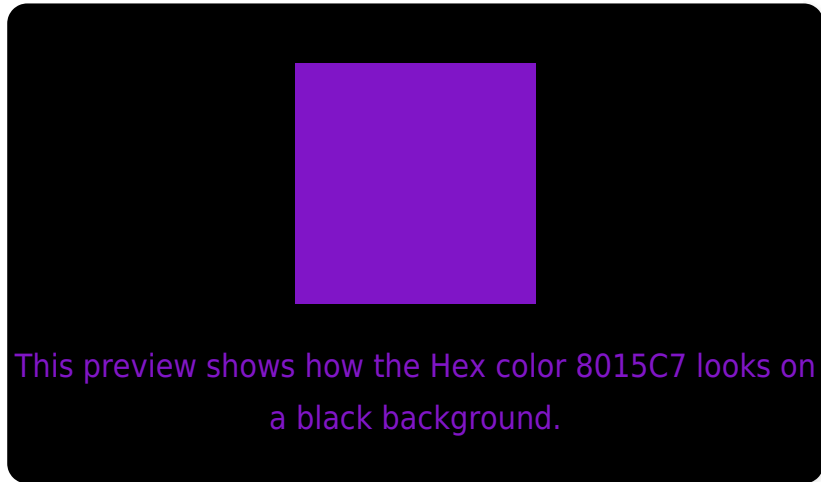
Large Text (above 18pt) WCAG AA ✓ Pass

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

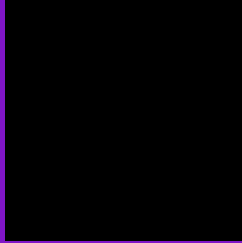
Any Text WCAG AA × Fail

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 8015C7 Background



This preview shows how black text looks on a background with the Hex color 8015C7.

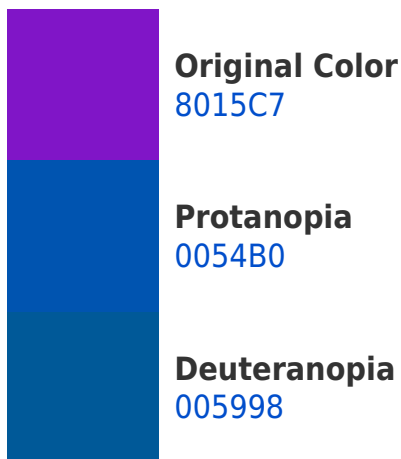


This preview shows how white text looks on a background with the Hex color 8015C7.

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
6A4F55

Trichromacy



Original Color
8015C7



Protanomaly
2F3DB8



Deuteranomaly
2F40A9



Tritanomaly
723A7E

Monochromacy



Original Color
8015C7



Achromatopsia
494949



Achromatomaly
5D3677

CSS Examples

Text

The CSS property to change the color of the text to Hex 8015C7 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 #8015C7 looks like.

```
.text, #text, p{  
    color:#8015C7  
}
```

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 #8015C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8015C7
}
```

Border

The CSS property to change the border of an element to Hex 8015C7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

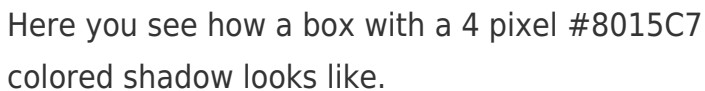
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8015C7 }
```

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

```
.border{ border-color:#8015C7 }
```

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



Here you see how a box with a 4 pixel #8015C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8015C7; -webkit-box-shadow:4px 4px  
4px 4px #8015C7; box-shadow:4px 4px 4px  
4px #8015C7 }
```

Background

The CSS property to change the background color of an element to Hex 8015C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8015C7 }
```

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

```
.background{ background-color:#8015C7 }
```

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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