

Converting Colors

Hex(8105C7)

Have a look what the booklet for
Hex(8105C7) contains.

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Color

Hex(8105C7)

Conversions

Conversions Part 1

Format	Color
Hex	8105C7
RGB	129, 5, 199
RGB Percent	51%, 2%, 78%
CMY	0.4941, 0.9804, 0.2196
CMYK	0.35, 0.97, 0.00, 0.22
HSL	278°, 95%, 40%
HSV	278°, 97%, 78%
XYZ	19.4163, 8.8992, 54.7272
YIQ	64.1920, 11.6300, 86.6220

Conversions

Conversions Part 2

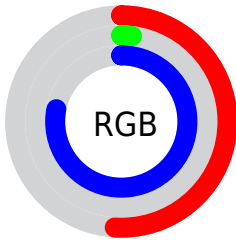
Format	Color
R_{YB}	129, 5, 199
Decimal	8455623
CIE _{Lab}	35.79, 71.24, -69.73
CIE _{LCh}	36, 99.685, 315.617
Yxy	8.8992, 0.2338, 0.1072
Android (android.graphics.Color)	4286645703 (0xFF8105C7)
YUV	64.1920, 66.4603, 56.8366
Hunter-Lab	29.8315, 63.9746, -87.8880

Details

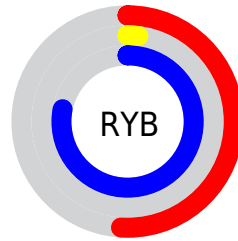
The Hex color **8105C7** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **4BC705**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **BC4FFF**, and **450090** is the 20% darker color. If you saturate the color by 10%, you get **7F00C7**, and if you desaturate by 10%, it is **8819C7**.

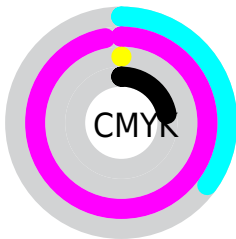
Distribution



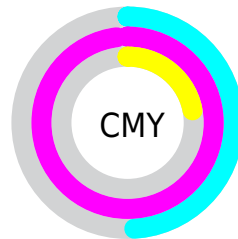
- Red (51%)
- Green (2%)
- Blue (78%)



- Red (51%)
- Yellow (2%)
- Blue (78%)



- Cyan (35%)
- Magenta (97%)
- Yellow (0%)
- Black (22%)



- Cyan (49%)
- Magenta (98%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8105C7 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 8105C7 by changing the saturation by 10% instead.

 8105C7

 8105C7

FFFFFF

 6400AB

 BC4FFF

 450090

 DA6CFF

 240075

 F888FF

 00005C

 FFA4FF

 000043

 FFC1FF


 00032C

 FFDEFF

 000116

 FFFCFF

 000000

 8105C7

 8105C7

 7F00C7

 8819C7

 8F2DC7

 9741C7

 9E55C7

 A569C7

 AC7CC7

 B390C7

 BAA4C7

 C2B8C7

Harmonies

Analogous

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



0054F4



8105C7



C7007E

Triad

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



8105C7



864200



00707E

Complementary

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



8105C7



4BC705

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.



006D28



8105C7



3F5E00

Square

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



8105C7



B90000



006900



0071C8

Rectangle

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



8105C7



D4004A



006900



006F62

Sweetspot

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



8105C7



E4B5FF



054CC7



6F5380



000000



808080

Same Dimension

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



8105C7



A300FF



C705AD



605A63



6800A3



170024

Inverse Universe

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



C7054B



FF005C



05C71F



635A5D



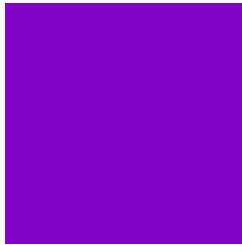
A3003B



24000D

Previews

White Background



This preview shows how the Hex color 8105C7 looks on a white background.

Color Contrast Check

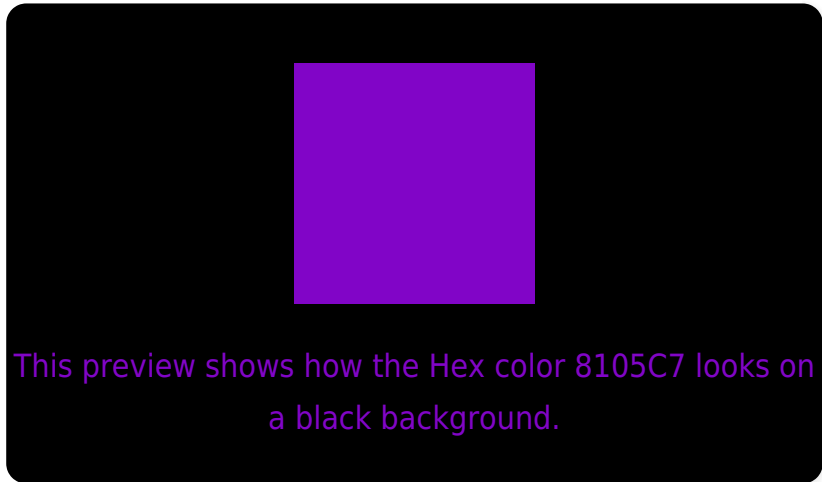
Large Text (above 18pt) WCAG AA ✓ Pass

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

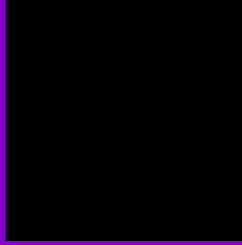
Any Text WCAG AA × Fail

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 8105C7 Background



This preview shows how black text looks on a background with the Hex color 8105C7.

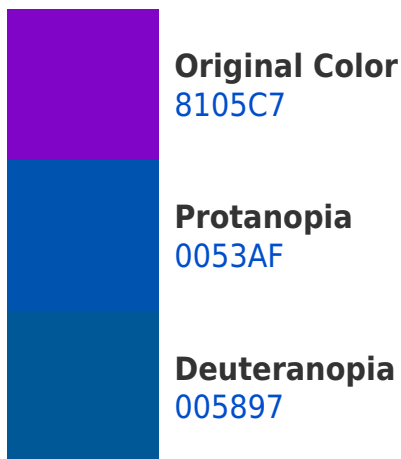


This preview shows how white text looks on a background with the Hex color 8105C7.

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
6B4E54

Trichromacy



Original Color
8105C7



Protanomaly
2F37B8



Deuteranomaly
2F3AA8



Tritanomaly
73337E

Monochromacy



Original Color
8105C7



Achromatopsia
404040



Achromatomaly
582B71

CSS Examples

Text

The CSS property to change the color of the text to Hex 8105C7 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 #8105C7 looks like.

```
.text, #text, p{  
    color:#8105C7  
}
```

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 #8105C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8105C7
}
```

Border

The CSS property to change the border of an element to Hex 8105C7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

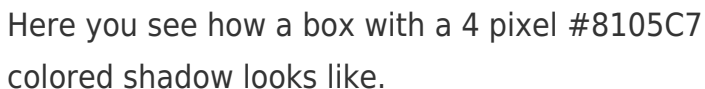
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8105C7 }
```

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

```
.border{ border-color:#8105C7 }
```

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



Here you see how a box with a 4 pixel #8105C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8105C7; -webkit-box-shadow:4px 4px  
4px 4px #8105C7; box-shadow:4px 4px 4px  
4px #8105C7 }
```

Background

The CSS property to change the background color of an element to Hex 8105C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8105C7 }
```

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

```
.background{ background-color:#8105C7 }
```

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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