

# Converting Colors

Hex(C10AF5)

Have a look what the booklet for  
Hex(C10AF5) contains.

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# Color

Hex(C10AF5)

# Conversions

## Conversions Part 1

Format	Color
Hex	C10AF5
RGB	193, 10, 245
RGB Percent	76%, 4%, 96%
CMY	0.2431, 0.9608, 0.0392
CMYK	0.21, 0.96, 0.00, 0.04
HSL	287°, 92%, 50%
HSV	287°, 96%, 96%
XYZ	38.5823, 18.1471, 87.8554
YIQ	91.5070, 33.6330, 111.8810

# Conversions

## Conversions Part 2

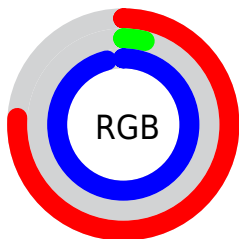
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	193, 10, 245
Decimal	12651253
CIE Lab	49.67, 87.14, -72.96
CIE LCh	50, 113.650, 320.059
Yxy	18.1471, 0.2668, 0.1255
Android (android.graphics.Color)	4290841333 (0xFFC10AF5)
YUV	91.5070, 75.6720, 89.0094
Hunter-Lab	42.5994, 87.1184, -92.4578

# Details

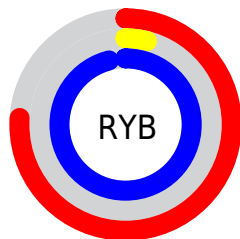
The Hex color **C10AF5** is a light color, and the websafe version is hex **CC00FF**. The color can be described as light saturated magenta. A complement of this color would be **3EF50A**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **FE60FF**, and **8500BB** is the 20% darker color. If you saturate the color by 10%, you get **BF00F5**, and if you desaturate by 10%, it is **C622F5**.

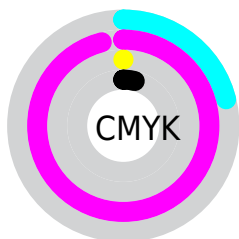
# Distribution



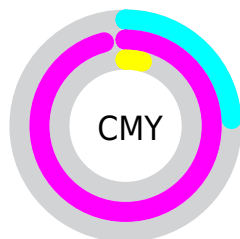
- Red (76%)
- Green (4%)
- Blue (96%)



- Red (76%)
- Yellow (4%)
- Blue (96%)



- Cyan (21%)
- Magenta (96%)
- Yellow (0%)
- Black (4%)



- Cyan (24%)
- Magenta (96%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C10AF5 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 C10AF5 by changing the saturation by 10% instead.



 C10AF5

 C10AF5

FFFFFF

 A300D8

 FE60FF

 8500BB

 FF7EFF

 6700A0

 FF9DFF

 480085


 FFBAFF

 2A006A

 FFD9FF

 000051

 FFF7FF

 000539

 000222

 000008

 C10AF5

 C10AF5

 BF00F5

 C622F5

 CC3BF5

 D154F5

 D76CF5

 DC84F5

 E29DF5

 E7B6F5

 ECCEF5

 F2E7F5

# Harmonies

## Analogous

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



006EFF



C10AF5



FF009B

# Triad

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



C10AF5



AA6700



0099B7

# Complementary

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



C10AF5



3EF50A

# 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.



009751



C10AF5



508500

# Square

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



C10AF5



EB1600



009200



0099FF

# Rectangle

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



C10AF5



FF005C



009200



009996



# Sweetspot

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



C10AF5



EFB5FF



0A41F5



765380



000000



808080



# Same Dimension

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



C10AF5



C700FF



F50AB6



786E7A



9100BA



2E003B



# Inverse Universe

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



F50A3E



FF0038



0AF549



7A6E71



BA0029



3B000D



# Previews

## White Background



This preview shows how the Hex color C10AF5 looks on a white background.

## Color Contrast Check

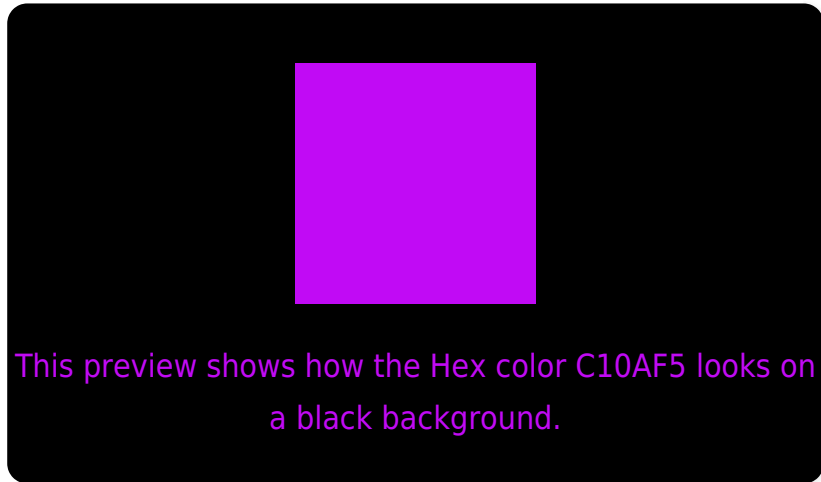
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

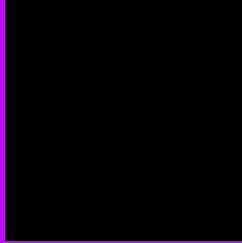
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C10AF5 Background



This preview shows how black text looks on a background with the Hex color C10AF5.



This preview shows how white text looks on a background with the Hex color C10AF5.

# 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



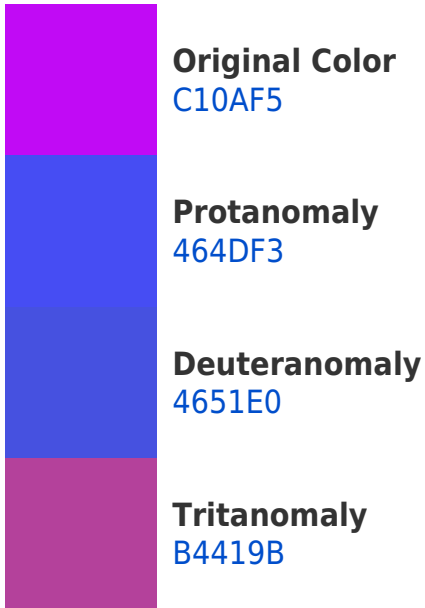
**Original Color**  
C10AF5

**Protanopia**  
0073F2

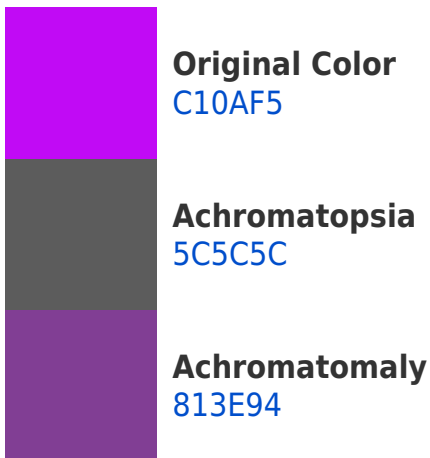
**Deuteranopia**  
007AD4



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C10AF5 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 #C10AF5 looks like.

```
.text, #text, p{  
    color:#C10AF5  
}
```

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 #C10AF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C10AF5
}
```

## Border

The CSS property to change the border of an element to Hex C10AF5 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
#C10AF5 }
```

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

```
.border{ border-color:#C10AF5 }
```

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

Here you see how a box with a 4 pixel #C10AF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C10AF5; -webkit-box-shadow:4px 4px  
4px 4px #C10AF5; box-shadow:4px 4px 4px  
4px #C10AF5 }
```

# Background

The CSS property to change the background color of an element to Hex C10AF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C10AF5 }
```

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

```
.background{ background-color:#C10AF5 }
```

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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