

# Converting Colors

Hex(C531EB)

Have a look what the booklet for  
Hex(C531EB) contains.

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# Color

Hex(C531EB)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C531EB
RGB	197, 49, 235
RGB Percent	77%, 19%, 92%
CMY	0.2275, 0.8078, 0.0784
CMYK	0.16, 0.79, 0.00, 0.08
HSL	288°, 82%, 56%
HSV	288°, 79%, 92%
XYZ	39.1197, 20.0651, 80.4084
YIQ	114.4560, 28.5020, 89.2220

# Conversions

## Conversions Part 2

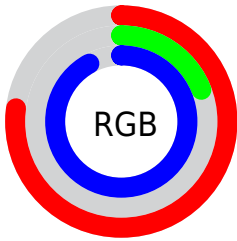
Format	Color
<a href="#">RYB</a>	<a href="#">197, 49, 235</a>
Decimal	<a href="#">12923371</a>
CIELab	<a href="#">51.91, 79.21, -63.69</a>
CIELCh	<a href="#">52, 101.637, 321.197</a>
Yxy	<a href="#">20.0651, 0.2802, 0.1437</a>
Android (android.graphics.Color)	<a href="#">4291113451</a> ( <a href="#">0xFFC531EB</a> )
YUV	<a href="#">114.4560, 59.4282, 72.3911</a>
Hunter-Lab	<a href="#">44.7941, 77.4984, -75.0737</a>

# Details

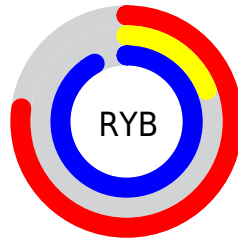
The Hex color **C531EB** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **57EB31**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF71FF**, and **8A00B2** is the 20% darker color. If you saturate the color by 10%, you get **C019EB**, and if you desaturate by 10%, it is **CA49EB**.

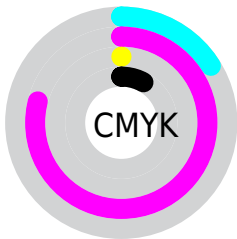
# Distribution



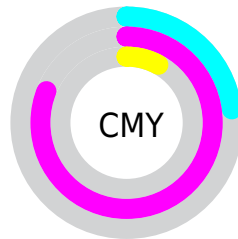
- Red (77%)
- Green (19%)
- Blue (92%)



- Red (77%)
- Yellow (19%)
- Blue (92%)



- Cyan (16%)
- Magenta (79%)
- Yellow (0%)
- Black (8%)



- Cyan (23%)
- Magenta (81%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C531EB 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 C531EB by changing the saturation by 10% instead.



 C531EB

 C531EB

FFFFFF

 A700CE

 FF71FF

 8A00B2

 FF8EFF

 6D0097

 FFABFF

 50007C

 FFC9FF

 330062

 FFE7FF

 0E0049

 000331

 00011C

 000000

 C531EB

 C531EB

 C019EB

 CA49EB

 BB02EB

 CF60EB

 BB00EB

 D378EB

 D88FEB

 DDA6EB

 E2BEEB

 E7D6EB

 EBEDEB

 F0FFEB

# Harmonies

## Analogous

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



0071FF



C531EB



FF0099

# Triad

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



C531EB



AC7000



009EB9

# Complementary

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



C531EB



57EB31

# 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.



009B5E



C531EB



5B8A00

# Square

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



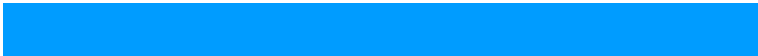
C531EB



E83B00



009600



009CFF

# Rectangle

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



C531EB



FF0060



009600



009D9C



# Sweetspot

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



C531EB



F2C2FF



3159EB



785B80



000000



808080



# Same Dimension

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



C531EB



CE0DFF



EB31B6



736A75



9000B5



2B0036



# Inverse Universe

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



EB3157



FF0D3E



31EB66



756A6C



B50025

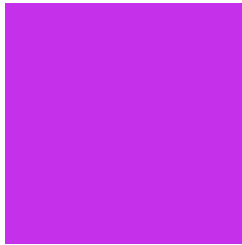


36000B



# Previews

## White Background



This preview shows how the Hex color C531EB looks on a white background.

## Color Contrast Check

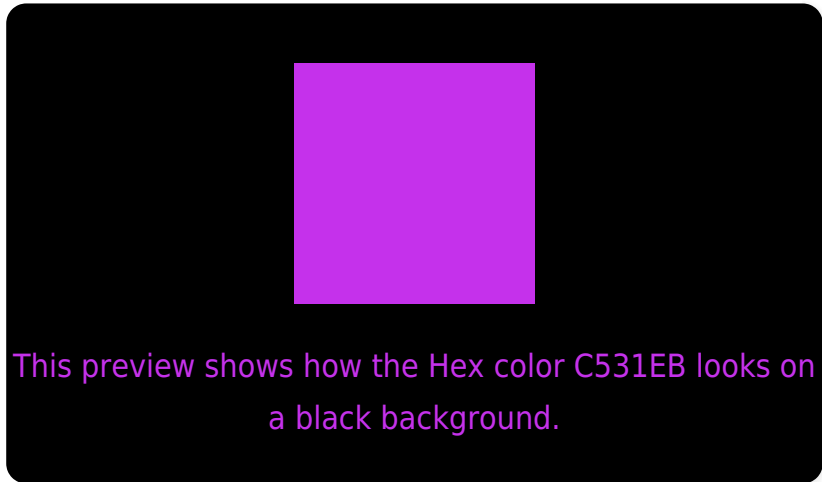
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

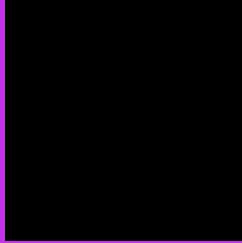
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C531EB Background



This preview shows how black text looks on a background with the Hex color C531EB.

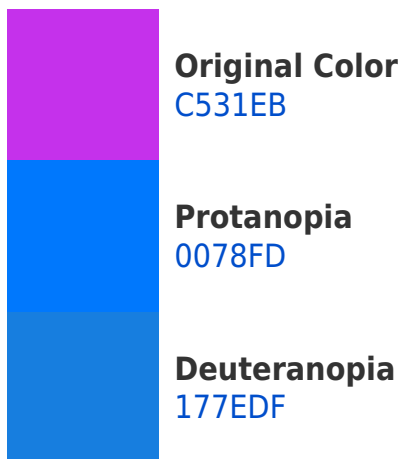



This preview shows how white text looks on a background with the Hex color C531EB.

# 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](#).

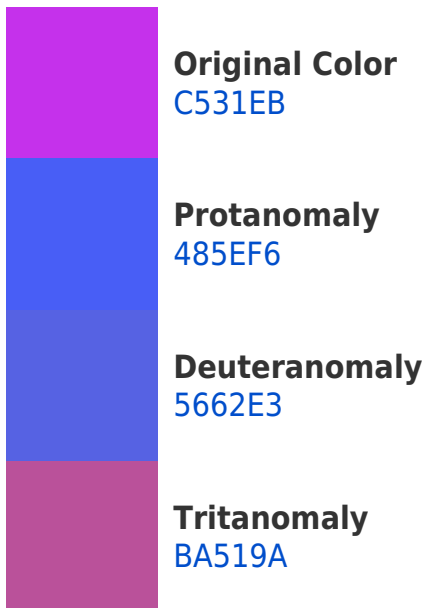
## Dichromacy



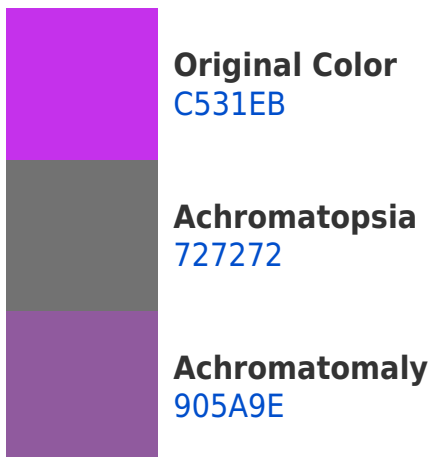


**Tritanopia**  
B3646C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C531EB 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 #C531EB looks like.

```
.text, #text, p{  
    color:#C531EB  
}
```

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 #C531EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C531EB
}
```

## Border

The CSS property to change the border of an element to Hex C531EB 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".

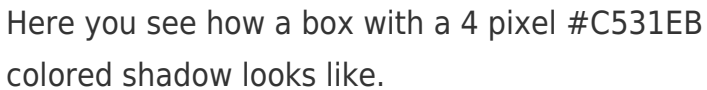
```
.border, #border, table{ border:4px solid
#C531EB }
```

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

```
.border{ border-color:#C531EB }
```

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

Here you see how a box with a 4 pixel #C531EB colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C531EB; -webkit-box-shadow:4px 4px  
4px 4px #C531EB; box-shadow:4px 4px 4px  
4px #C531EB }
```

# Background

The CSS property to change the background color of an element to Hex C531EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C531EB }
```

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

```
.background{ background-color:#C531EB }
```

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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