

# Converting Colors

Hex(C53FE7)

Have a look what the booklet for  
Hex(C53FE7) contains.

<b>Hex(C53FE7)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(C53FE7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C53FE7
RGB	197, 63, 231
RGB Percent	77%, 25%, 91%
CMY	0.2275, 0.7529, 0.0941
CMYK	0.15, 0.73, 0.00, 0.09
HSL	288°, 78%, 58%
HSV	288°, 73%, 91%
XYZ	39.2273, 21.1949, 77.6248
YIQ	122.2180, 25.9360, 80.6560

# Conversions

## Conversions Part 2

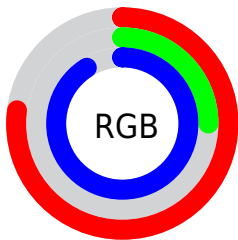
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	197, 63, 231
Decimal	12926951
CIE <sub>Lab</sub>	53.16, 74.15, -59.42
CIE <sub>LCh</sub>	53, 95.025, 321.294
Yxy	21.1949, 0.2842, 0.1535
Android (android.graphics.Color)	4291117031 (0xFFC53FE7)
YUV	122.2180, 53.6295, 65.5838
Hunter-Lab	46.0379, 71.5274, -67.7428

# Details

The Hex color **C53FE7** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light washed magenta. A complement of this color would be **61E73F**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **FF7BFF**, and **8B00AE** is the 20% darker color. If you saturate the color by 10%, you get **C028E7**, and if you desaturate by 10%, it is **CA56E7**.

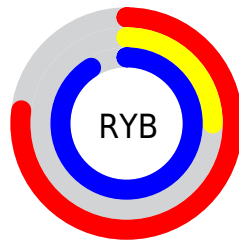
# Distribution



Red (77%)

Green (25%)

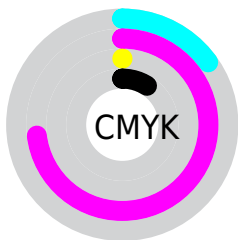
Blue (91%)



Red (77%)

Yellow (25%)

Blue (91%)

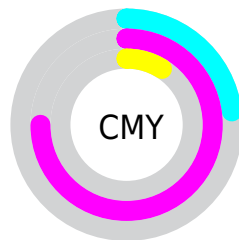


Cyan (15%)

Magenta (73%)

Yellow (0%)

Black (9%)



Cyan (23%)

Magenta (75%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C53FE7 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 C53FE7 by changing the saturation by 10% instead.



 C53FE7

 C53FE7

FFFFFF

 A819CA

 FF7BFF

 8B00AE

 FF97FF

 6E0093

 FFB4FF

 510079

 FFD2FF

 35005F

 FFEFFF

 150046

 00022F

 000119

 000000

 C53FE7

 C53FE7

 C028E7

 CA56E7

 BC11E7

 CE6DE7

 B800E7

 D384E7

 D89BE7

 DCB3E7

 E1CAE7

 E6E1E7

 EAF8E7

 EFFF E7

# Harmonies

## Analogous

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



0075FF



C53FE7



FF009B

# Triad

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



C53FE7



AF7300



00A0B9

# Complementary

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



C53FE7



61E73F

# 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.



009E64



C53FE7



638C00

# Square

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



C53FE7



E64600



009800



009DFF

# Rectangle

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



C53FE7



FF0064



009800



009F9D



# Sweetspot

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



C53FE7



F4C7FF



3F63E7



795E80



000000



808080



# Same Dimension

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



C53FE7



D221FF



E73FB7



706773



8E00B3



290033



# Inverse Universe

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



E73F61



FF214E



3FE76F



73676A



B30024



33000A



# Previews

## White Background



This preview shows how the Hex color C53FE7 looks on a white background.

## Color Contrast Check

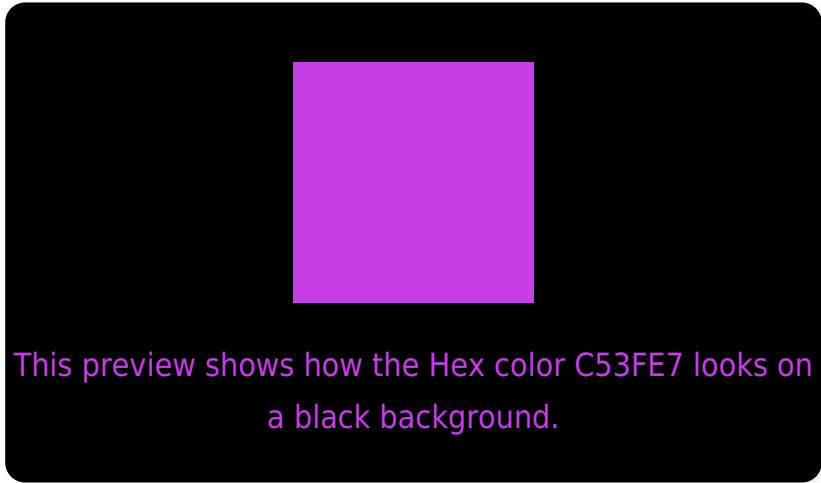
Large Text (above 18pt) WCAG AA ✓ Pass

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

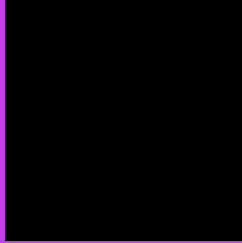
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C53FE7 Background



This preview shows how black text looks on a background with the Hex color C53FE7.

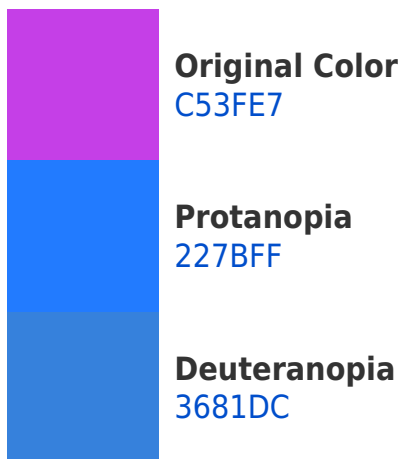



This preview shows how white text looks on a background with the Hex color C53FE7.

# 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](#).

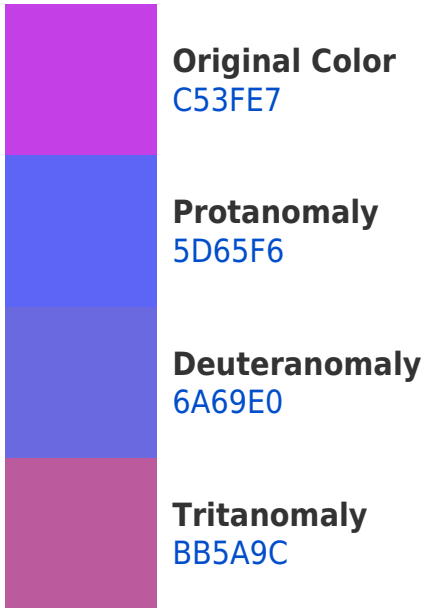
## Dichromacy



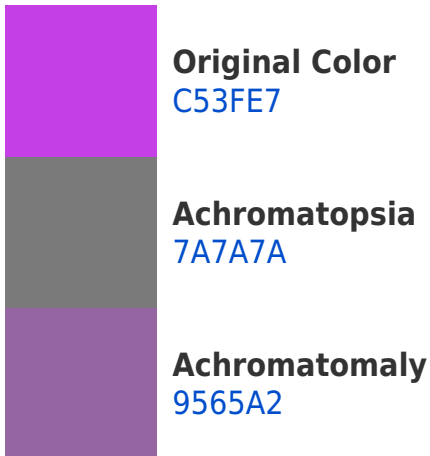


**Tritanopia**  
B56971

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C53FE7 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 #C53FE7 looks like.

```
.text, #text, p{  
    color:#C53FE7  
}
```

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 #C53FE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C53FE7
}
```

## Border

The CSS property to change the border of an element to Hex C53FE7 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
#C53FE7 }
```

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

```
.border{ border-color:#C53FE7 }
```

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

Here you see how a box with a 4 pixel #C53FE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C53FE7; -webkit-box-shadow:4px 4px  
4px 4px #C53FE7; box-shadow:4px 4px 4px  
4px #C53FE7 }
```

# Background

The CSS property to change the background color of an element to Hex C53FE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C53FE7 }
```

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

```
.background{ background-color:#C53FE7 }
```

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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