

# Converting Colors

Hex(C632FC)

Have a look what the booklet for  
Hex(C632FC) contains.

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# Color

Hex(C632FC)

# Conversions

## Conversions Part 1

Format	Color
Hex	C632FC
RGB	198, 50, 252
RGB Percent	78%, 20%, 99%
CMY	0.2235, 0.8039, 0.0118
CMYK	0.21, 0.80, 0.00, 0.01
HSL	284°, 97%, 59%
HSV	284°, 80%, 99%
XYZ	42.0000, 21.3152, 93.9961
YIQ	117.2800, 23.3660, 94.1980

# Conversions

## Conversions Part 2

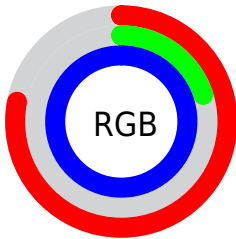
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	198, 50, 252
Decimal	12989180
CIE <sub>Lab</sub>	53.29, 82.16, -70.96
CIE <sub>LCh</sub>	53, 108.566, 319.182
Yxy	21.3152, 0.2670, 0.1355
Android (android.graphics.Color)	4291179260 (0xFFC632FC)
YUV	117.2800, 66.4170, 70.7914
Hunter-Lab	46.1684, 81.5889, -88.3928

# Details

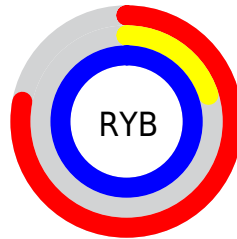
The Hex color **C632FC** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **68FC32**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **FF72FF**, and **8A00C2** is the 20% darker color. If you saturate the color by 10%, you get **BF19FC**, and if you desaturate by 10%, it is **CD4BFC**.

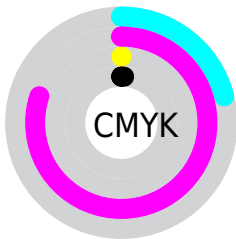
# Distribution



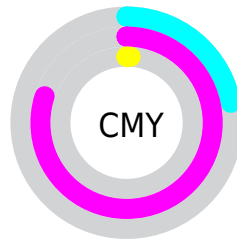
- Red (78%)
- Green (20%)
- Blue (99%)



- Red (78%)
- Yellow (20%)
- Blue (99%)



- Cyan (21%)
- Magenta (80%)
- Yellow (0%)
- Black (1%)



- Cyan (22%)
- Magenta (80%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C632FC 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 C632FC by changing the saturation by 10% instead.



 C632FC

FFFFFF

 FF72FF

 FF90FF

 FFADFF

 FFCBFF

 FFE9FF

 C632FC

 A800DF

 8A00C2

 6C00A6

 4E008B

 2F0071

 010057

 00003F

 000328

 000111

 C632FC

 C632FC

 BF19FC

 CD4BFC

 B900FC

 D364FC

 DA7EFC

 E197FC

 E8B0FC

 EEC9FC

 F5E2FC

 FCFCFC

FFFFFFC

# Harmonies

## Analogous

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



0078FF



C632FC



FF00A5

# Triad

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



C632FC



B77000



00A3BB

# Complementary

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



C632FC



68FC32

# 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.



00A059



C632FC



618D00

# Square

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



C632FC



F52F00



009B00



00A2FF

# Rectangle

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



C632FC



FF0068



009B00



00A29B



# Sweetspot

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



C632FC



EFC2FF



326BFC



765B80



000000



808080



# Same Dimension

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



C632FC



BE0AFF



FC32D0



7A707D



8A00BD



2D003D



# Inverse Universe

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



FC3268



FF0A4C



32FC5E



7D7074



BD0032



3D0010



# Previews

## White Background



This preview shows how the Hex color C632FC looks on a white background.

## Color Contrast Check

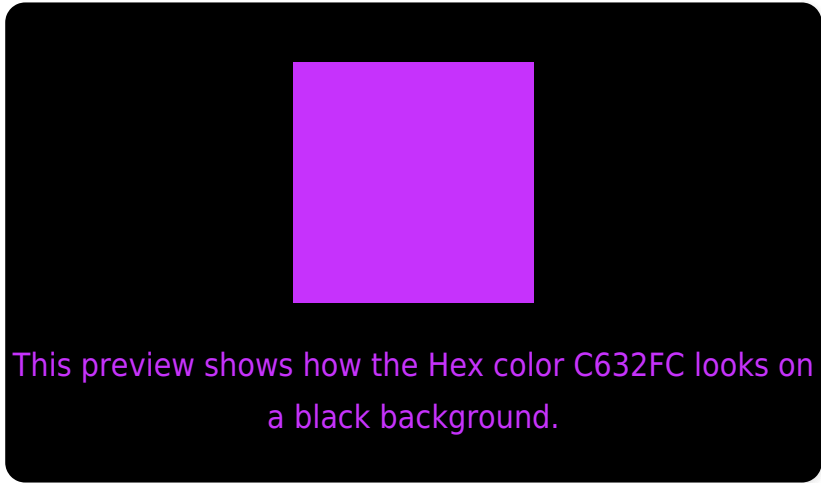
Large Text (above 18pt) WCAG AA ✓ Pass

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

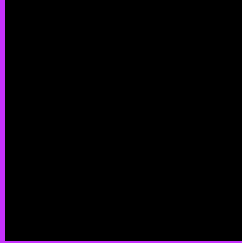
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C632FC Background



This preview shows how black text looks on a background with the Hex color C632FC.

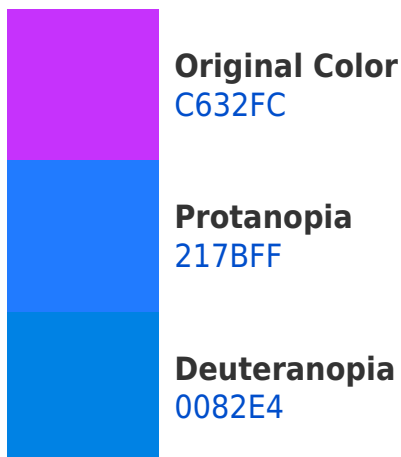



This preview shows how white text looks on a background with the Hex color C632FC.

# 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**  
B16B73

# Trichromacy



**Original Color**  
C632FC



**Protanomaly**  
5D60FE



**Deuteranomaly**  
4865ED



**Tritanomaly**  
B956A5

# Monochromacy



**Original Color**  
C632FC



**Achromatopsia**  
757575



**Achromatomaly**  
925DA6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C632FC 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 #C632FC looks like.

```
.text, #text, p{  
    color:#C632FC  
}
```

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 #C632FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C632FC
}
```

## Border

The CSS property to change the border of an element to Hex C632FC is called "border". The border property can be set on classes, ids or directly on the HTML element.

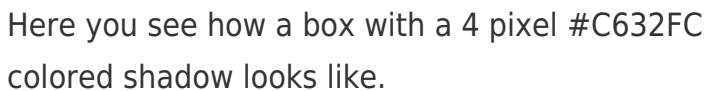
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C632FC }
```

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

```
.border{ border-color:#C632FC }
```

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



Here you see how a box with a 4 pixel `#C632FC` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C632FC; -webkit-box-shadow:4px 4px  
4px 4px #C632FC; box-shadow:4px 4px 4px  
4px #C632FC }
```

# Background

The CSS property to change the background color of an element to Hex C632FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C632FC }
```

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

```
.background{ background-color:#C632FC }
```

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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