

Converting Colors

Hex(C21EF7)

Have a look what the booklet for
Hex(C21EF7) contains.

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Color

Hex(C21EF7)

Conversions

Conversions Part 1

Format	Color
Hex	C21EF7
RGB	194, 30, 247
RGB Percent	76%, 12%, 97%
CMY	0.2392, 0.8824, 0.0314
CMYK	0.21, 0.88, 0.00, 0.03
HSL	285°, 93%, 54%
HSV	285°, 88%, 97%
XYZ	39.5009, 19.1133, 89.6030
YIQ	103.7740, 28.0870, 102.2550

Conversions

Conversions Part 2

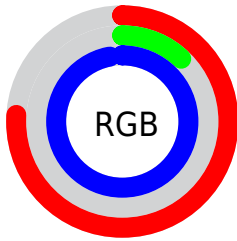
Format	Color
RYB	194, 30, 247
Decimal	12721911
CIELab	50.82, 85.11, -72.21
CIELCh	51, 111.622, 319.687
Yxy	19.1133, 0.2665, 0.1290
Android (android.graphics.Color)	4290911991 (0xFFC21EF7)
YUV	103.7740, 70.6104, 79.1282
Hunter-Lab	43.7187, 84.7712, -90.9137

Details

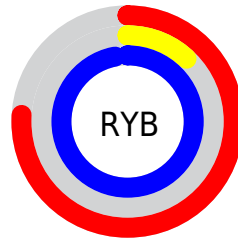
The Hex color **C21EF7** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **53F71E**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **FF66FF**, and **8600BD** is the 20% darker color. If you saturate the color by 10%, you get **BC05F7**, and if you desaturate by 10%, it is **C837F7**.

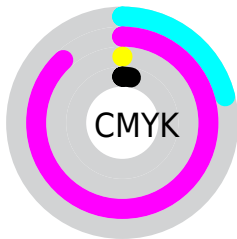
Distribution



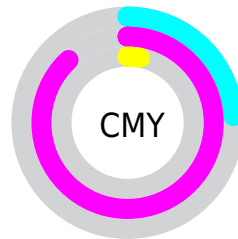
- Red (76%)
- Green (12%)
- Blue (97%)



- Red (76%)
- Yellow (12%)
- Blue (97%)



- Cyan (21%)
- Magenta (88%)
- Yellow (0%)
- Black (3%)



- Cyan (24%)
- Magenta (88%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color C21EF7 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 C21EF7 by changing the saturation by 10% instead.

 C21EF7

 C21EF7

FFFFFF

 A400DA

 FF66FF

 8600BD

 FF85FF

 6800A2

 FFA2FF

 490086

 FFC0FF

 2C006C

 FFDEFF

 000053

 FFFDFF

 00043A

 000224

 00000B

 C21EF7

 C21EF7

 BC05F7

 C837F7

 BB00F7

 CE4FF7

 D468F7

 DA81F7

 E09AF7

 E6B2F7

 ECCBF7

 F2E4F7

 F8FCF7

Harmonies

Analogous

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



0071FF



C21EF7



FF009E

Triad

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



C21EF7



AF6A00



009CB8

Complementary

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



C21EF7



53F71E

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.



009A54



C21EF7



568700

Square

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



C21EF7



EE2000



009400



009BFF

Rectangle

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



C21EF7



FF0060



009400



009C97

Sweetspot

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



C21EF7



EFBDF7



1E54F7



765880



000000



808080

Same Dimension

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



C21EF7



C100FF



F71EC1



776E7A



8D00BA



2C003B

Inverse Universe

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



F71E53



FF003E



1EF754



7A6E71



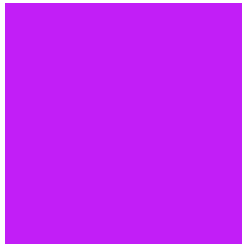
BA002D



3B000E

Previews

White Background



This preview shows how the Hex color C21EF7 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

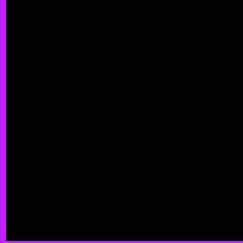
Any Text WCAG AA ✓ Pass

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 C21EF7 Background



This preview shows how black text looks on a background with the Hex color C21EF7.



This preview shows how white text looks on a background with the Hex color C21EF7.

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
C21EF7

Protanopia
0075F7

Deuteranopia
007CD9



Tritanopia
AD636B

Trichromacy



Original Color
C21EF7



Protanomaly
4755F7



Deuteranomaly
475AE4



Tritanomaly
B54A9E

Monochromacy



Original Color
C21EF7



Achromatopsia
686868



Achromatomaly
894D9C

CSS Examples

Text

The CSS property to change the color of the text to Hex C21EF7 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 #C21EF7 looks like.

```
.text, #text, p{  
    color:#C21EF7  
}
```

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 #C21EF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C21EF7
}
```

Border

The CSS property to change the border of an element to Hex C21EF7 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
#C21EF7 }
```

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

```
.border{ border-color:#C21EF7 }
```

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

Here you see how a box with a 4 pixel #C21EF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C21EF7; -webkit-box-shadow:4px 4px  
4px 4px #C21EF7; box-shadow:4px 4px 4px  
4px #C21EF7 }
```

Background

The CSS property to change the background color of an element to Hex C21EF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C21EF7 }
```

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

```
.background{ background-color:#C21EF7 }
```

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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