

Converting Colors

Hex(CF12FF)

Have a look what the booklet for
Hex(CF12FF) contains.

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Color

Hex(CF12FF)

Conversions

Conversions Part 1

Format	Color
Hex	CF12FF
RGB	207, 18, 255
RGB Percent	81%, 7%, 100%
CMY	0.1882, 0.9294, 0.0000
CMYK	0.19, 0.93, 0.00, 0.00
HSL	288°, 100%, 54%
HSV	288°, 93%, 100%
XYZ	43.9984, 20.9180, 96.3263
YIQ	101.5290, 36.5670, 113.7750

Conversions

Conversions Part 2

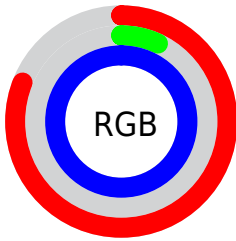
Format	Color
R _Y B	207, 18, 255
Decimal	13570815
CIE Lab	52.86, 89.98, -73.27
CIE LCh	53, 116.037, 320.842
Yxy	20.9180, 0.2729, 0.1297
Android (android.graphics.Color)	4291760895 (0xFFCF12FF)
YUV	101.5290, 75.6612, 92.4981
Hunter-Lab	45.7362, 91.6794, -92.8570

Details

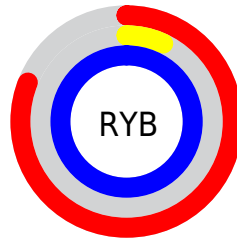
The Hex color **CF12FF** is a light color, and the websafe version is hex **CC00FF**. The color can be described as light washed magenta. A complement of this color would be **42FF12**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **FF65FF**, and **9200C5** is the 20% darker color. If you saturate the color by 10%, you get **CB00FF**, and if you desaturate by 10%, it is **D42CFF**.

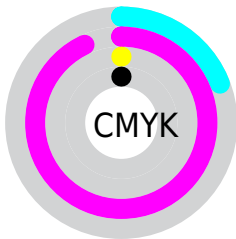
Distribution



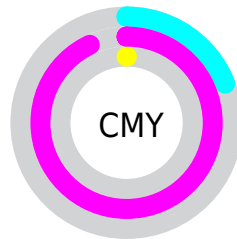
- Red (81%)
- Green (7%)
- Blue (100%)



- Red (81%)
- Yellow (7%)
- Blue (100%)



- Cyan (19%)
- Magenta (93%)
- Yellow (0%)
- Black (0%)



- Cyan (19%)
- Magenta (93%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color CF12FF 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 CF12FF by changing the saturation by 10% instead.

 CF12FF

 CF12FF

FFFFFF

 B100E2

 FF65FF

 9200C5

 FF84FF

 7400A9

 FFA2FF

 56008E

 FFC0FF

 370073

 FFDFFF

 0F0059

 FFFDFF

 000041

 00032A

 000114

 CF12FF

 CF12FF

 CB00FF

 D42CFF

 D945FF

 DE5FFF

 E478FF

 E992FF

 EEABFF

 F3C5FF

 F8DEFF

 FDF8FF

Harmonies

Analogous

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



0074FF



CF12FF



FF00A1

Triad

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



CF12FF



B37000



00A3C4

Complementary

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



CF12FF



42FF12

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.



00A05B



CF12FF



548E00

Square

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



CF12FF



F72600



009B00



00A2FF

Rectangle

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



CF12FF



FF0060



009B00



00A2A2

Sweetspot

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



CF12FF



F1B8FF



1245FF



775480



000000



808080

Same Dimension

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



CF12FF



CB00FF



FF12BC



7D7380



9900BF



330040

Inverse Universe

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



FF1242



FF0034



12FF55



807375



BF0027



40000D

Previews

White Background



This preview shows how the Hex color CF12FF looks on a white background.

Color Contrast Check

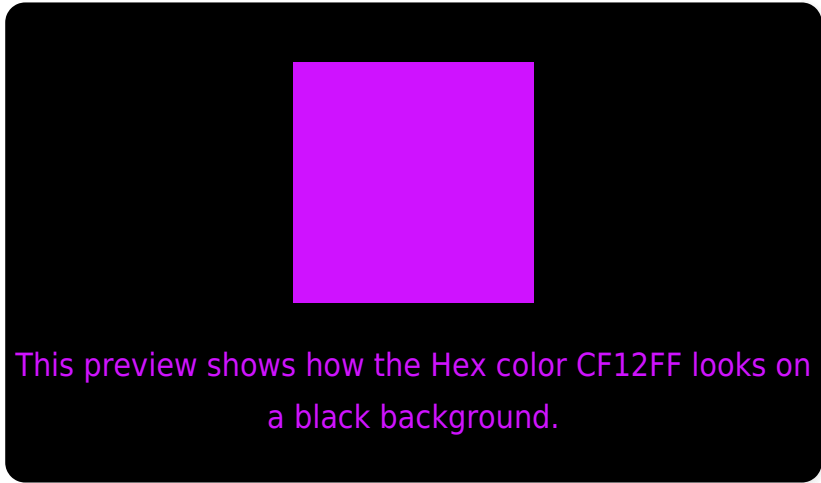
Large Text (above 18pt) WCAG AA ✓ Pass

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

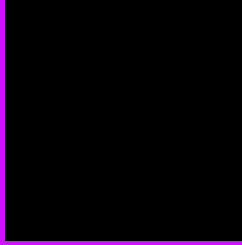
Any Text WCAG AA ✓ Pass

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 CF12FF Background



This preview shows how black text looks on a background with the Hex color CF12FF.

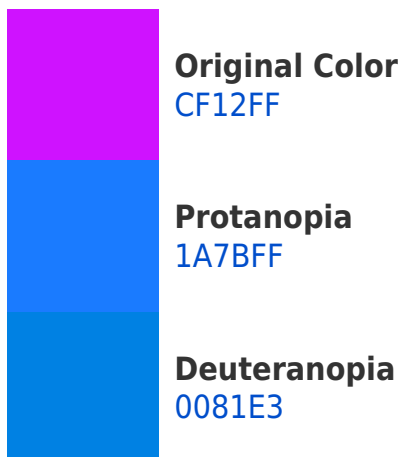



This preview shows how white text looks on a background with the Hex color CF12FF.

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
BA656C

Trichromacy



Original Color
CF12FF



Protanomaly
5C55FF



Deuteranomaly
4B59ED



Tritanomaly
C247A1

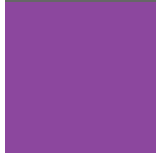
Monochromacy



Original Color
CF12FF



Achromatopsia
666666



Achromatomaly
8C479E

CSS Examples

Text

The CSS property to change the color of the text to Hex CF12FF 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 #CF12FF looks like.

```
.text, #text, p{  
    color:#CF12FF  
}
```

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 #CF12FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF12FF
}
```

Border

The CSS property to change the border of an element to Hex CF12FF 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
#CF12FF }
```

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

```
.border{ border-color:#CF12FF }
```

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

Here you see how a box with a 4 pixel #CF12FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF12FF; -webkit-box-shadow:4px 4px  
4px 4px #CF12FF; box-shadow:4px 4px 4px  
4px #CF12FF }
```

Background

The CSS property to change the background color of an element to Hex CF12FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF12FF }
```

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

```
.background{ background-color:#CF12FF }
```

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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