

Converting Colors

Hex(CF30C5)

Have a look what the booklet for
Hex(CF30C5) contains.

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Color

Hex(CF30C5)

Conversions

Conversions Part 1

Format	Color
Hex	CF30C5
RGB	207, 48, 197
RGB Percent	81%, 19%, 77%
CMY	0.1882, 0.8118, 0.2275
CMYK	0.00, 0.77, 0.05, 0.19
HSL	304°, 62%, 50%
HSV	304°, 77%, 81%
XYZ	36.8671, 19.4105, 54.6268
YIQ	112.5270, 46.9350, 80.0470

Conversions

Conversions Part 2

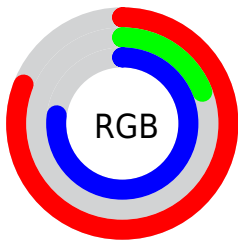
Format	Color
RYB	207, 48, 197
Decimal	13578437
CIELab	51.16, 75.14, -43.12
CIElCh	51, 86.637, 330.152
Yxy	19.4105, 0.3324, 0.1750
Android (android.graphics.Color)	4291768517 (0xFFCF30C5)
YUV	112.5270, 41.6452, 82.8528
Hunter-Lab	44.0574, 72.2681, -42.6736

Details

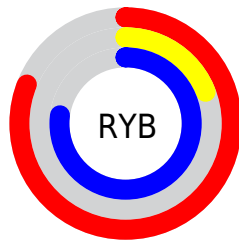
The Hex color **CF30C5** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **30CF3A**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **FF70FE**, and **94008F** is the 20% darker color. If you saturate the color by 10%, you get **CF1BC4**, and if you desaturate by 10%, it is **CF45C6**.

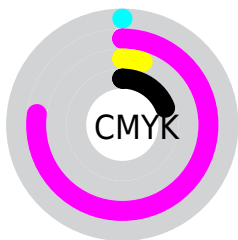
Distribution



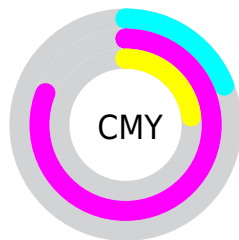
- Red (81%)
- Green (19%)
- Blue (77%)



- Red (81%)
- Yellow (19%)
- Blue (77%)



- Cyan (0%)
- Magenta (77%)
- Yellow (5%)
- Black (19%)



- Cyan (19%)
- Magenta (81%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color CF30C5 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 CF30C5 by changing the saturation by 10% instead.


 CF30C5

 CF30C5

FFFFFF

 B100A9

 FF70FE

 94008F

 FF8DFF

 780074

 FFAAFF

 5C005B

 FFC8FF

 410043

 FFE6FF

 24002C

 000116

 000000

 CF30C5

 CF30C5

 CF1BC4

 CF45C6

 CF07C2

 CF59C8

 CF00C2

 CF6EC9

 CF83CA

 CF98CC

 CFACCD

 CFC1CE

 CFD6CF

 CFEAD1

Harmonies

Analogous

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



6965FC



CF30C5



F4007D

Triad

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



CF30C5



947700



0098C3

Complementary

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



CF30C5



30CF3A

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.



009778



CF30C5



478A00

Square

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



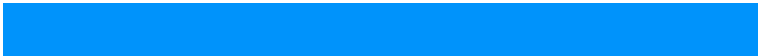
CF30C5



CC5600



009326



0093FB

Rectangle

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



CF30C5



F5004D



009326



0098AB

Sweetspot

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



CF30C5



FFC4FB



3830CF



805C7D



000000



808080

Same Dimension

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



CF30C5



FF14F0



CF3078



695E68



A8009E



290026

Inverse Universe

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



CF30C5



FF14F0



30CF87



695E68



A8009E



290026

Previews

White Background



This preview shows how the Hex color CF30C5 looks on a white background.

Color Contrast Check

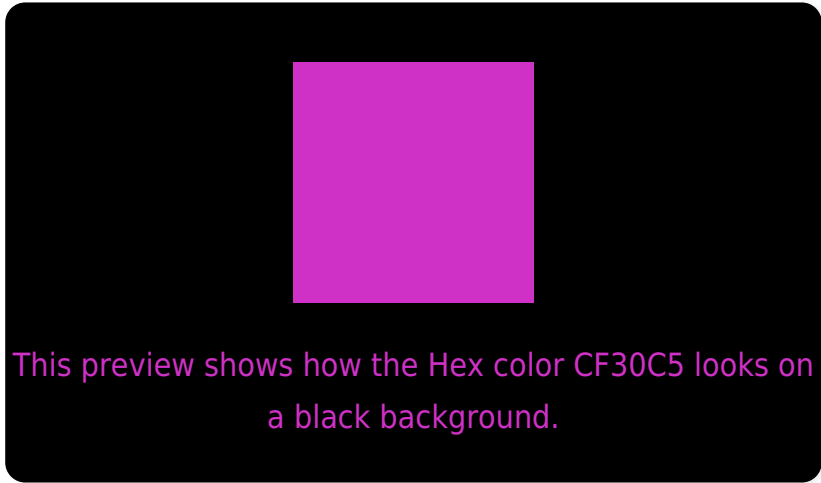
Large Text (above 18pt) WCAG AA ✓ Pass

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

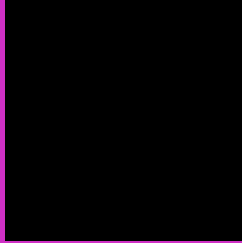
Any Text WCAG AA ✓ Pass

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 CF30C5 Background



This preview shows how black text looks on a background with the Hex color CF30C5.

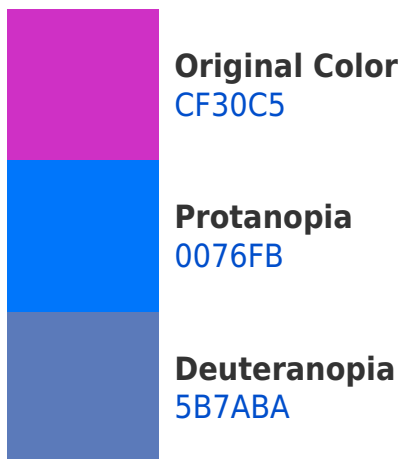


This preview shows how white text looks on a background with the Hex color CF30C5.

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
C4575D

Trichromacy



Original Color
CF30C5



Protanomaly
4B5DE7



Deuteranomaly
855FBE

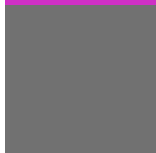


Tritanomaly
C84983

Monochromacy



Original Color
CF30C5



Achromatopsia
717171



Achromatomaly
935990

CSS Examples

Text

The CSS property to change the color of the text to Hex CF30C5 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 #CF30C5 looks like.

```
.text, #text, p{  
    color:#CF30C5  
}
```

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 #CF30C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF30C5
}
```

Border

The CSS property to change the border of an element to Hex CF30C5 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
#CF30C5 }
```

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

```
.border{ border-color:#CF30C5 }
```

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

Here you see how a box with a 4 pixel #CF30C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF30C5; -webkit-box-shadow:4px 4px  
4px 4px #CF30C5; box-shadow:4px 4px 4px  
4px #CF30C5 }
```

Background

The CSS property to change the background color of an element to Hex CF30C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF30C5 }
```

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

```
.background{ background-color:#CF30C5 }
```

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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