

Converting Colors

Hex(CF30BB)

Have a look what the booklet for
Hex(CF30BB) contains.

Hex(CF30BB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CF30BB)

Conversions

Conversions Part 1

Format	Color
Hex	CF30BB
RGB	207, 48, 187
RGB Percent	81%, 19%, 73%
CMY	0.1882, 0.8118, 0.2667
CMYK	0.00, 0.77, 0.10, 0.19
HSL	308°, 62%, 50%
HSV	308°, 77%, 81%
XYZ	35.7587, 18.9672, 48.7900
YIQ	111.3870, 50.1450, 76.9370

Conversions

Conversions Part 2

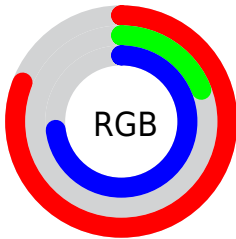
Format	Color
R _Y B	207, 48, 187
Decimal	13578427
CIE Lab	50.65, 73.67, -38.13
CIE LCh	51, 82.958, 332.634
Yxy	18.9672, 0.3454, 0.1832
Android (android.graphics.Color)	4291768507 (0xFFCF30BB)
YUV	111.3870, 37.2772, 83.8526
Hunter-Lab	43.5513, 70.3464, -35.9360

Details

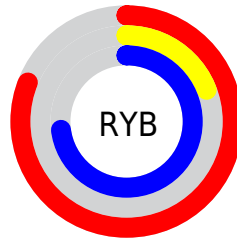
The Hex color **CF30BB** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted rose. A complement of this color would be **30CF44**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF6FF4**, and **940085** is the 20% darker color. If you saturate the color by 10%, you get **CF1BB8**, and if you desaturate by 10%, it is **CF45BE**.

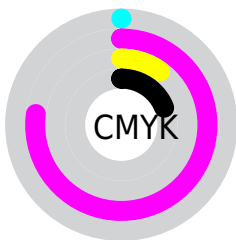
Distribution



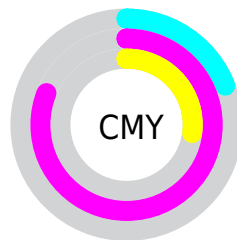
- Red (81%)
- Green (19%)
- Blue (73%)



- Red (81%)
- Yellow (19%)
- Blue (73%)



- Cyan (0%)
- Magenta (77%)
- Yellow (10%)
- Black (19%)



- Cyan (19%)
- Magenta (81%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color CF30BB 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 CF30BB by changing the saturation by 10% instead.

 CF30BB

 CF30BB

FFFFFF

 B100A0

 FF6FF4

 940085

 FF8DFF

 78006B

 FFAAFF

 5C0053

 FFC7FF

 42003B

 FFE5FF

 250024

 00000C

 000000

 CF30BB

 CF30BB

 CF1BB8

 CF45BE

 CF07B6

 CF59C0

 CF00B5

 CF6EC3

 CF83C5

 CF98C8

 CFACCB

 CFC1CD

 CFD6D0

 CFEAD2

Harmonies

Analogous

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



7662F2



CF30BB



EF0076

Triad

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



CF30BB



8D7800



0096C4

Complementary

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



CF30BB



30CF44

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.



00957D



CF30BB



428900

Square

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



CF30BB



C45A00



009231



0090F7

Rectangle

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



CF30BB



EE0D48



009231



0096AE

Sweetspot

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



CF30BB



FFC4F8



4330CF



805C7B



000000



808080

Same Dimension

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



CF30BB



FF14E1



CF306D



695E67



A80093



290024

Inverse Universe

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



CF30BB



FF14E1



30CF92



695E67



A80093



290024

Previews

White Background



This preview shows how the Hex color CF30BB looks on a white background.

Color Contrast Check

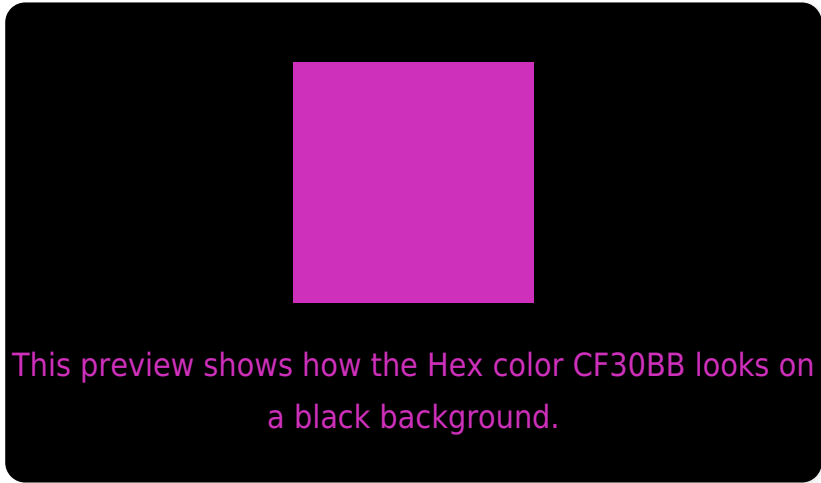
Large Text (above 18pt) WCAG AA ✓ Pass

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

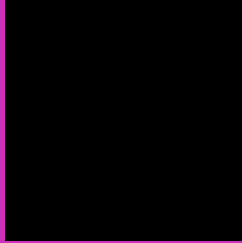
Any Text WCAG AA ✓ Pass

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 CF30BB Background



This preview shows how black text looks on a background with the Hex color CF30BB.

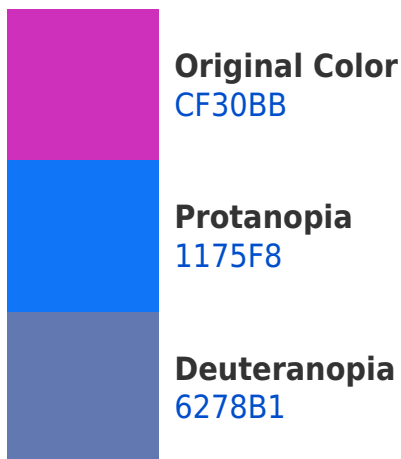


This preview shows how white text looks on a background with the Hex color CF30BB.

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](#).

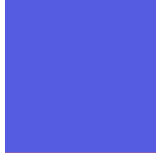
Dichromacy



Trichromacy



Original Color
CF30BB



Protanomaly
565CE2



Deuteranomaly
8A5EB5



Tritanomaly
C9477D

Monochromacy



Original Color
CF30BB



Achromatopsia
6F6F6F



Achromatomaly
92588B

CSS Examples

Text

The CSS property to change the color of the text to Hex CF30BB 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 #CF30BB looks like.

```
.text, #text, p{  
    color:#CF30BB  
}
```

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 #CF30BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF30BB
}
```

Border

The CSS property to change the border of an element to Hex CF30BB 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
#CF30BB }
```

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

```
.border{ border-color:#CF30BB }
```

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

Here you see how a box with a 4 pixel #CF30BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF30BB; -webkit-box-shadow:4px 4px  
4px 4px #CF30BB; box-shadow:4px 4px 4px  
4px #CF30BB }
```

Background

The CSS property to change the background color of an element to Hex CF30BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF30BB }
```

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

```
.background{ background-color:#CF30BB }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor