

Converting Colors

Hex(CF66D9)

Have a look what the booklet for
Hex(CF66D9) contains.

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Color

Hex(CF66D9)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CF66D9 |
| RGB | 207, 102, 217 |
| RGB Percent | 81%, 40%, 85% |
| CMY | 0.1882, 0.6000, 0.1490 |
| CMYK | 0.05, 0.53, 0.00, 0.15 |
| HSL | 295°, 60%, 63% |
| HSV | 295°, 53%, 85% |
| XYZ | 43.0079, 27.7779, 68.7405 |
| YIQ | 146.5050, 25.6650, 58.0250 |

Conversions

Conversions Part 2

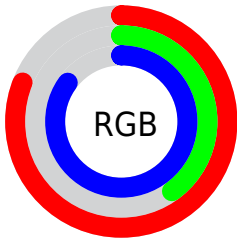
| Format | Color |
|-------------------------------------|--|
| RYB | 207, 102, 217 |
| Decimal | 13592281 |
| CIELab | 59.69, 57.62, -41.08 |
| CIELCh | 60, 70.763, 324.516 |
| Yxy | 27.7779, 0.3082, 0.1991 |
| Android (android.graphics.Color) | 4291782361 (0xFFCF66D9) |
| YUV | 146.5050, 34.7540, 53.0541 |
| Hunter-Lab | 52.7047, 53.4255, -40.4361 |

Details

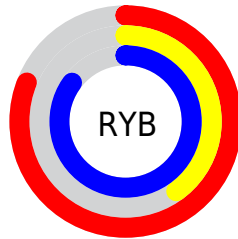
The Hex color **CF66D9** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **70D966**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FF9DFF**, and **962EA2** is the 20% darker color. If you saturate the color by 10%, you get **CD50D9**, and if you desaturate by 10%, it is **D17CD9**.

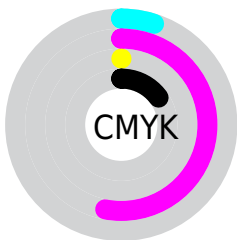
Distribution



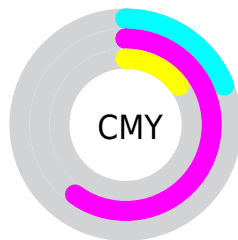
- Red (81%)
- Green (40%)
- Blue (85%)



- Red (81%)
- Yellow (40%)
- Blue (85%)



- Cyan (5%)
- Magenta (53%)
- Yellow (0%)
- Black (15%)



- Cyan (19%)
- Magenta (60%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color CF66D9 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 CF66D9 by changing the saturation by 10% instead.

 CF66D9

 CF66D9

FFFFFF

 B24BBD

 FF9DFF

 962EA2

 FFB9FF

 7A0987

 FFD6FF

 5F006D

 FFF3FF

 440054

 2E003D

 050026

 00010E

 000000

 CF66D9

 CF66D9

 CD50D9

 D17CD9

 CB3BD9

 D391D9

 C925D9

 D5A7D9

 C70FD9

 D7BDD9

 C600D9

 D8D3D9

 DAE8D9

 DCFED9

 DEFFD9

 E0FFD9

Harmonies

Analogous

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



7584FF



CF66D9



F84E9E

Triad

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



CF66D9



B68900



00ACC2

Complementary

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



CF66D9



70D966

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.



00AB82



CF66D9



7B9B00

Square

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



CF66D9



E36F27



07A642



00A7F5

Rectangle

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



CF66D9



FE4E74



07A642



00ACAD

Sweetspot

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



CF66D9



FBD6FF



6671D9



7D6780



000000



808080

Same Dimension

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



CF66D9



F15CFF



D966AB



6D636E



9E00AD



2A002E

Inverse Universe

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



D96670



FF5C6A



66D994



6E6364



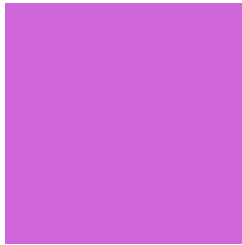
AD000F



2E0004

Previews

White Background



This preview shows how the Hex color CF66D9 looks on a white background.

Color Contrast Check

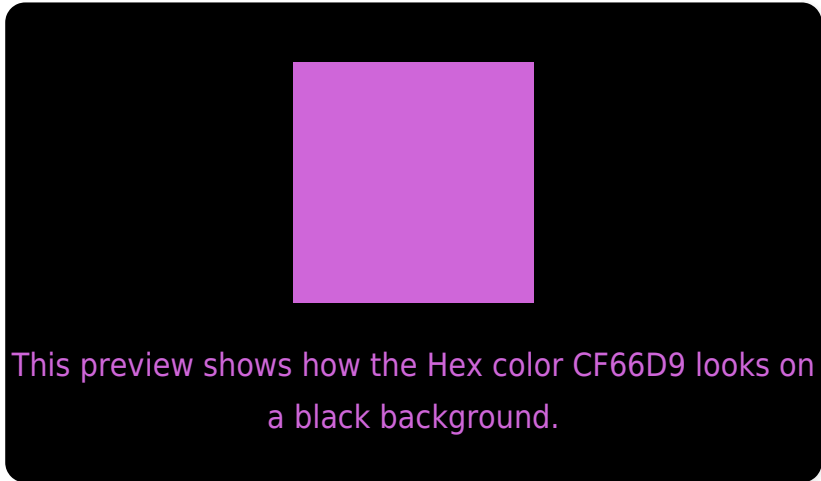
Large Text (above 18pt) WCAG AA ✓ Pass

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

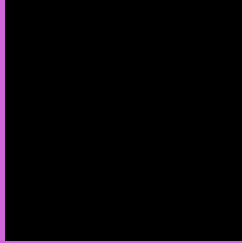
Any Text WCAG AA ✓ Pass

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 CF66D9 Background



This preview shows how black text looks on a background with the Hex color CF66D9.

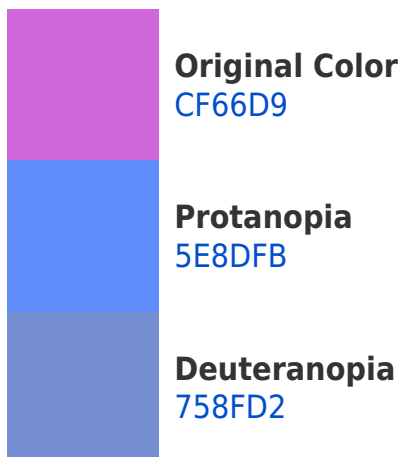


This preview shows how white text looks on a background with the Hex color CF66D9.

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
C47B85

Trichromacy



Original Color
CF66D9



Protanomaly
877FEF



Deuteranomaly
9680D5



Tritanomaly
C873A4

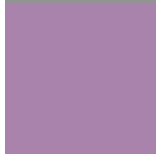
Monochromacy



Original Color
CF66D9



Achromatopsia
939393



Achromatomaly
A983AC

CSS Examples

Text

The CSS property to change the color of the text to Hex CF66D9 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 #CF66D9 looks like.

```
.text, #text, p{  
    color:#CF66D9  
}
```

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 #CF66D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF66D9
}
```

Border

The CSS property to change the border of an element to Hex CF66D9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

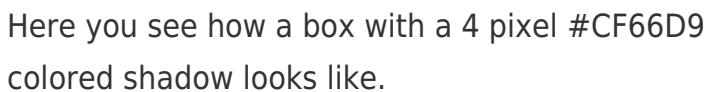
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CF66D9 }
```

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

```
.border{ border-color:#CF66D9 }
```

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



Here you see how a box with a 4 pixel `#CF66D9` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF66D9; -webkit-box-shadow:4px 4px  
4px 4px #CF66D9; box-shadow:4px 4px 4px  
4px #CF66D9 }
```

Background

The CSS property to change the background color of an element to Hex CF66D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF66D9 }
```

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

```
.background{ background-color:#CF66D9 }
```

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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