

Converting Colors

Hex(C846D3)

Have a look what the booklet for
Hex(C846D3) contains.

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Color

Hex(C846D3)

Conversions

Conversions Part 1

Format	Color
Hex	C846D3
RGB	200, 70, 211
RGB Percent	78%, 27%, 83%
CMY	0.2157, 0.7255, 0.1725
CMYK	0.05, 0.67, 0.00, 0.17
HSL	295°, 62%, 55%
HSV	295°, 67%, 83%
XYZ	37.7674, 21.3628, 63.7609
YIQ	124.9440, 32.2190, 71.4110

Conversions

Conversions Part 2

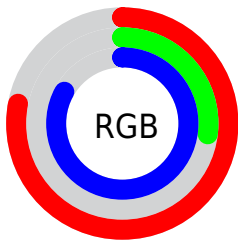
Format	Color
R_{YB}	200, 70, 211
Decimal	13125331
CIE _{Lab}	53.34, 68.69, -47.77
CIE _{LCh}	53, 83.667, 325.186
Yxy	21.3628, 0.3073, 0.1738
Android (android.graphics.Color)	4291315411 (0xFFC846D3)
YUV	124.9440, 42.4256, 65.8241
Hunter-Lab	46.2199, 64.9718, -49.4372

Details

The Hex color **C846D3** 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 **51D346**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **FF80FF**, and **8E009C** is the 20% darker color. If you saturate the color by 10%, you get **C631D3**, and if you desaturate by 10%, it is **CA5BD3**.

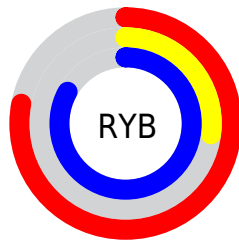
Distribution



Red (78%)

Green (27%)

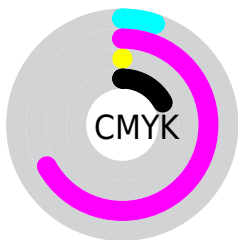
Blue (83%)



Red (78%)

Yellow (27%)

Blue (83%)

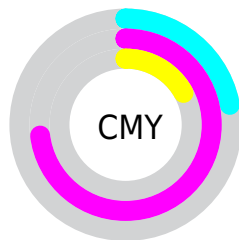


Cyan (5%)

Magenta (67%)

Yellow (0%)

Black (17%)



Cyan (22%)

Magenta (73%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color C846D3 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 C846D3 by changing the saturation by 10% instead.

 C846D3

 C846D3

FFFFFF

 AB25B7

 FF80FF

 8E009C

 FF9CFF

 720081

 FFB9FF

 560067


 FFD6FF

 3C004F

 FFF4FF

 200037

 000220

 000004

 000000

 C846D3

 C846D3

 C631D3

 CA5BD3

 C51CD3

 CB70D3

 C307D3

 CD85D3

 C300D3

 CF9AD3

 D0B0D3

 D2C5D3

 D4DAD3

 D5EFD3

 D7FFD3

Harmonies

Analogous

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



5472FF



C846D3



F5028E

Triad

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



C846D3



A57900



009EBB

Complementary

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



C846D3



51D346

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.



009D71



C846D3



5F8D00

Square

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



C846D3



D85700



009820



009AF6

Rectangle

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



C846D3



FA095F



009820



009EA3

Sweetspot

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



C846D3



FBCCFE



4652D3



7D6180



000000



808080

Same Dimension

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



C846D3



EF33FF



D34698



685E69



9B00A8



260029

Inverse Universe

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



D34651



FF3343



46D381



695E5F



A8000D



290003

Previews

White Background



This preview shows how the Hex color C846D3 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

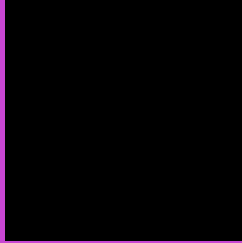
Any Text WCAG AA ✓ Pass

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 C846D3 Background



This preview shows how black text looks on a background with the Hex color C846D3.

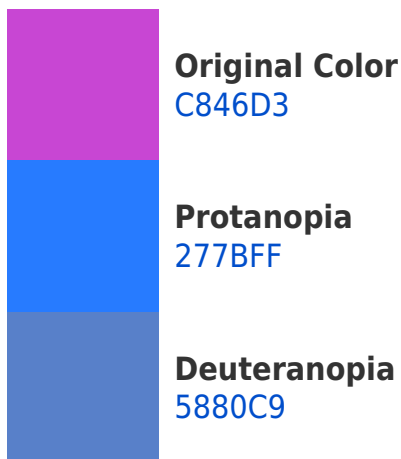



This preview shows how white text looks on a background with the Hex color C846D3.

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](#).

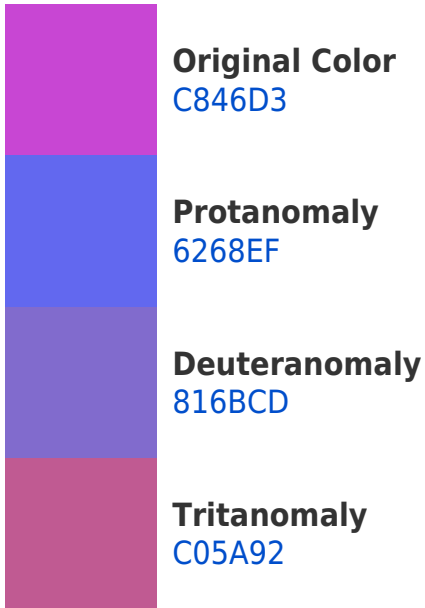
Dichromacy





Tritanopia
BC666D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C846D3 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 #C846D3 looks like.

```
.text, #text, p{  
    color:#C846D3  
}
```

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 #C846D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C846D3
}
```

Border

The CSS property to change the border of an element to Hex C846D3 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
#C846D3 }
```

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

```
.border{ border-color:#C846D3 }
```

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

Here you see how a box with a 4 pixel #C846D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C846D3; -webkit-box-shadow:4px 4px  
4px 4px #C846D3; box-shadow:4px 4px 4px  
4px #C846D3 }
```

Background

The CSS property to change the background color of an element to Hex C846D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C846D3 }
```

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

```
.background{ background-color:#C846D3 }
```

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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