

Converting Colors

Hex(C456CD)

Have a look what the booklet for
Hex(C456CD) contains.

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Color

Hex(C456CD)

Conversions

Conversions Part 1

Format	Color
Hex	C456CD
RGB	196, 86, 205
RGB Percent	77%, 34%, 80%
CMY	0.2314, 0.6627, 0.1961
CMYK	0.04, 0.58, 0.00, 0.20
HSL	295°, 54%, 57%
HSV	295°, 58%, 80%
XYZ	37.1122, 22.7991, 60.2022
YIQ	132.4560, 27.3610, 60.3290

Conversions

Conversions Part 2

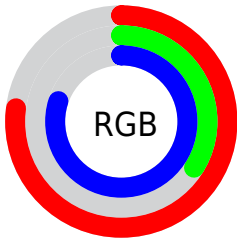
Format	Color
RYB	196, 86, 205
Decimal	12867277
CIELab	54.86, 60.00, -41.97
CIELCh	55, 73.223, 325.026
Yxy	22.7991, 0.3090, 0.1898
Android (android.graphics.Color)	4291057357 (0xFFC456CD)
YUV	132.4560, 35.7642, 55.7281
Hunter-Lab	47.7484, 55.1784, -41.3302

Details

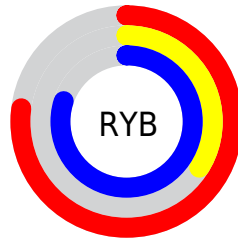
The Hex color **C456CD** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **5FCD56**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FF8DFF**, and **8B1A96** is the 20% darker color. If you saturate the color by 10%, you get **C242CD**, and if you desaturate by 10%, it is **C66BCD**.

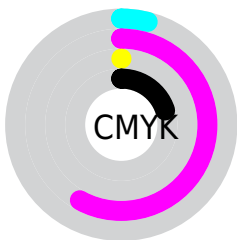
Distribution



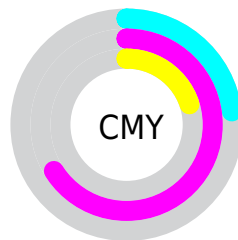
- Red (77%)
- Green (34%)
- Blue (80%)



- Red (77%)
- Yellow (34%)
- Blue (80%)



- Cyan (4%)
- Magenta (58%)
- Yellow (0%)
- Black (20%)



- Cyan (23%)
- Magenta (66%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color C456CD 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 C456CD by changing the saturation by 10% instead.

 C456CD

 C456CD

FFFFFF

 A73AB1

 FF8DFF

 8B1A96

 FFA9FF

 70007C

 FFC6FF

 550062

 FFE3FF

 3A004A

 210033

 00021C

 000000

 C456CD

 C456CD

 C242CD

 C66BCD

 C12DCD

 C77FCD

 BF19CD

 C994CD

 BE04CD

 CAA8CD

 BD00CD

 CCBDCD

 CDD1CD

 CFE6CD

 D0FACD

 D2FFCD

Harmonies

Analogous

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



6677F7



C456CD



EC3991

Triad

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



C456CD



A77D00



009FB7

Complementary

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



C456CD



5FCD56

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.



009E76



C456CD



6B8F00

Square

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



C456CD



D56112



009A34



009BEB

Rectangle

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



C456CD



F23A66



009A34



009FA2

Sweetspot

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



C456CD



FCD4FF



5660CD



7E6680



000000



808080

Same Dimension

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



C456CD



F24DFF



CD569B



655C66



9900A6



230026

Inverse Universe

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



CD565F



FF4D5A



56CD88



665C5D



A6000D



260003

Previews

White Background



This preview shows how the Hex color C456CD looks on a white background.

Color Contrast Check

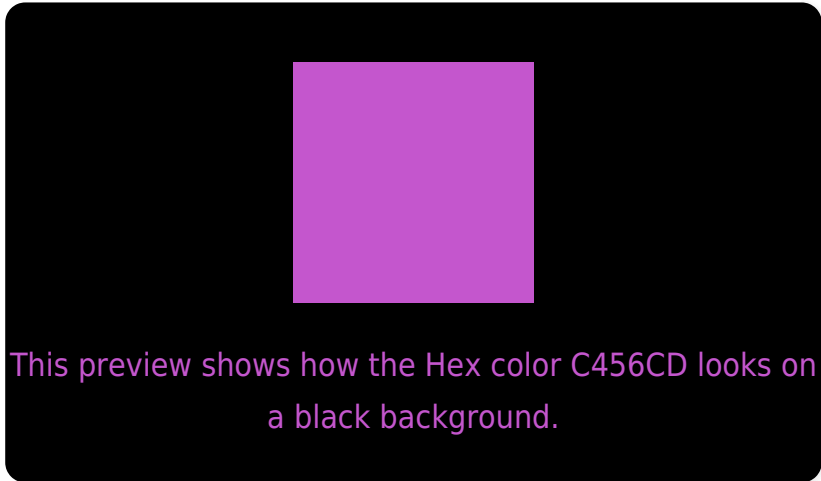
Large Text (above 18pt) WCAG AA ✓ Pass

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

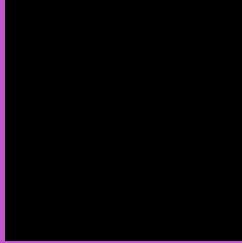
Any Text WCAG AA ✓ Pass

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 C456CD Background



This preview shows how black text looks on a background with the Hex color C456CD.

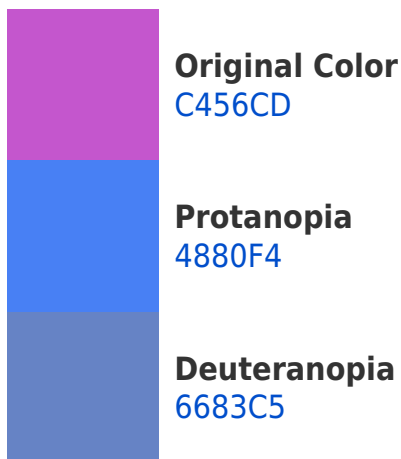


This preview shows how white text looks on a background with the Hex color C456CD.

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](#).

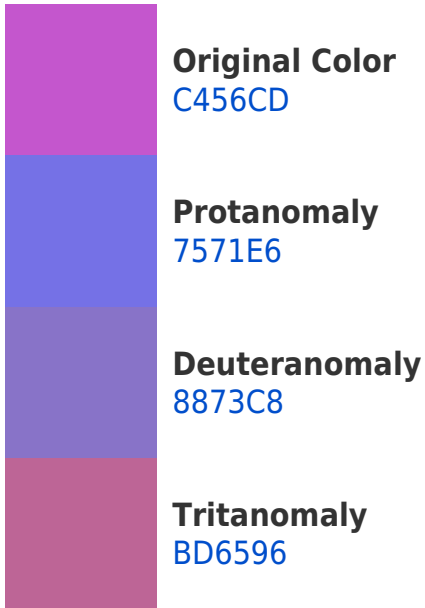
Dichromacy





Tritanopia
B96E76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C456CD 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 #C456CD looks like.

```
.text, #text, p{  
    color:#C456CD  
}
```

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 #C456CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C456CD
}
```

Border

The CSS property to change the border of an element to Hex C456CD 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
#C456CD }
```

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

```
.border{ border-color:#C456CD }
```

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

Here you see how a box with a 4 pixel #C456CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C456CD; -webkit-box-shadow:4px 4px  
4px 4px #C456CD; box-shadow:4px 4px 4px  
4px #C456CD }
```

Background

The CSS property to change the background color of an element to Hex C456CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C456CD }
```

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

```
.background{ background-color:#C456CD }
```

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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