

Converting Colors

Hex(C46EC3)

Have a look what the booklet for
Hex(C46EC3) contains.

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Color

Hex(C46EC3)

Conversions

Conversions Part 1

Format	Color
Hex	C46EC3
RGB	196, 110, 195
RGB Percent	77%, 43%, 76%
CMY	0.2314, 0.5686, 0.2353
CMYK	0.00, 0.44, 0.01, 0.23
HSL	301°, 42%, 60%
HSV	301°, 44%, 77%
XYZ	38.1912, 26.8278, 54.7951
YIQ	145.4040, 23.9710, 44.6670

Conversions

Conversions Part 2

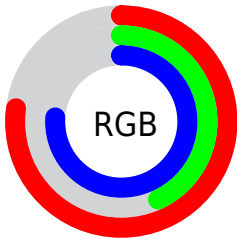
Format	Color
R _Y B	196, 110, 195
Decimal	12873411
CIE Lab	58.81, 46.48, -30.09
CIE LCh	59, 55.373, 327.081
Yxy	26.8278, 0.3188, 0.2239
Android (android.graphics.Color)	4291063491 (0xFFC46EC3)
YUV	145.4040, 24.4508, 44.3727
Hunter-Lab	51.7955, 40.9741, -26.4668

Details

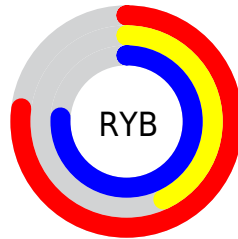
The Hex color **C46EC3** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **6EC46F**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FEA4FC**, and **8C3A8D** is the 20% darker color. If you saturate the color by 10%, you get **C45AC3**, and if you desaturate by 10%, it is **C482C3**.

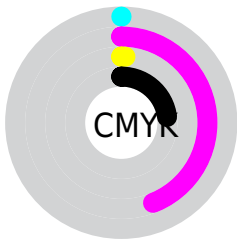
Distribution



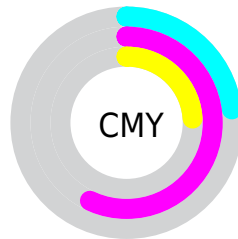
- Red (77%)
- Green (43%)
- Blue (76%)



- Red (77%)
- Yellow (43%)
- Blue (76%)



- Cyan (0%)
- Magenta (44%)
- Yellow (1%)
- Black (23%)



- Cyan (23%)
- Magenta (57%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color C46EC3 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 C46EC3 by changing the saturation by 10% instead.

 C46EC3

 C46EC3

FFFFFF

 A854A8

 FEA4FC

 8C3A8D

 FFC0FF

 711F73

 FFDCFF

 57005A

 FFF9FF

 3E0042

 28002C

 000116

 000000

 C46EC3

 C46EC3

 C45AC3

 C482C3

 C447C3

 C495C3

 C433C2

 C4A9C4

 C420C2

 C4BCC4

 C40CC2

 C4D0C4

 C400C2

 C4E4C4

 C4F7C5

 C4FFC5

Harmonies

Analogous

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



8683E4



C46EC3



E26194

Triad

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



C46EC3



AB8924



00A5B8

Complementary

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



C46EC3



6EC46F

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.



00A587



C46EC3



7C9830

Square

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



C46EC3



D0773C



38A056



00A0DE

Rectangle

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



C46EC3



E66274



38A056



00A5A9

Sweetspot

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



C46EC3



FFDEFF



6E6EC4



806B7F



000000



808080

Same Dimension

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



C46EC3



FF78FD



C46E99



615761



A1009F



210021

Inverse Universe

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



C46EC3



FF78FD



6EC499



615761



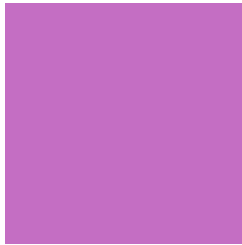
A1009F



210021

Previews

White Background



This preview shows how the Hex color C46EC3 looks on a white background.

Color Contrast Check

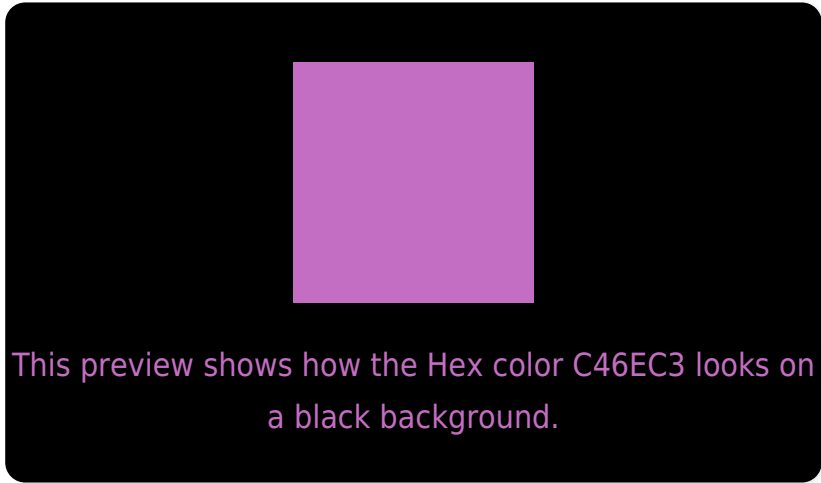
Large Text (above 18pt) WCAG AA ✓ Pass

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 C46EC3 Background



This preview shows how black text looks on a background with the Hex color C46EC3.

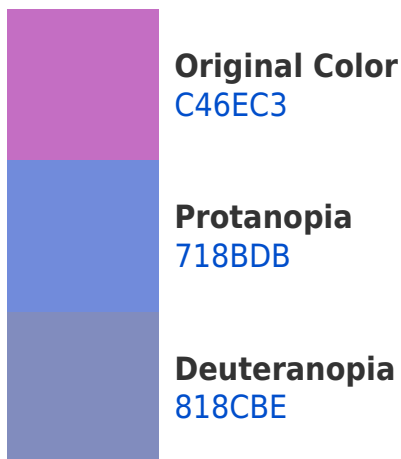


This preview shows how white text looks on a background with the Hex color C46EC3.

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](#).

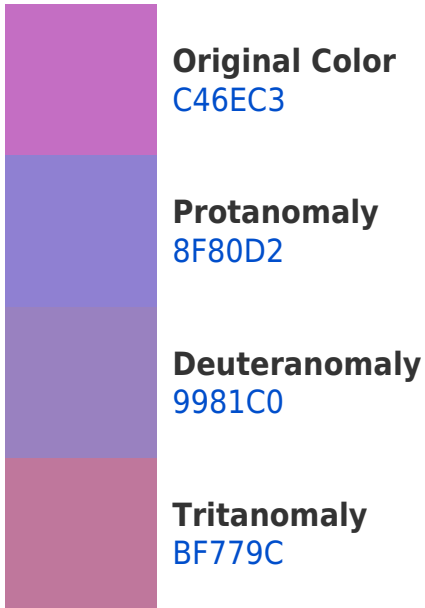
Dichromacy



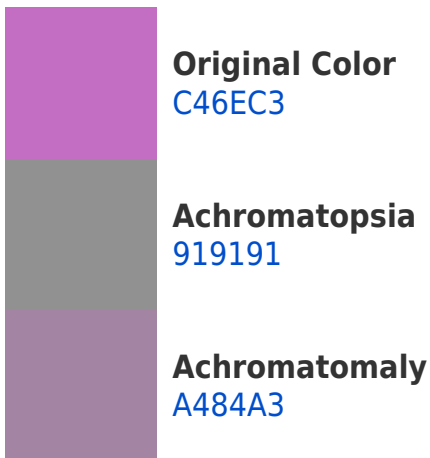


Tritanopia
BC7C85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C46EC3 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 #C46EC3 looks like.

```
.text, #text, p{  
    color:#C46EC3  
}
```

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 #C46EC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C46EC3
}
```

Border

The CSS property to change the border of an element to Hex C46EC3 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
#C46EC3 }
```

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

```
.border{ border-color:#C46EC3 }
```

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

Here you see how a box with a 4 pixel #C46EC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C46EC3; -webkit-box-shadow:4px 4px  
4px 4px #C46EC3; box-shadow:4px 4px 4px  
4px #C46EC3 }
```

Background

The CSS property to change the background color of an element to Hex C46EC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C46EC3 }
```

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

```
.background{ background-color:#C46EC3 }
```

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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