

Converting Colors

Hex(C46CDE)

Have a look what the booklet for
Hex(C46CDE) contains.

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Color

Hex(C46CDE)

Conversions

Conversions Part 1

Format	Color
Hex	C46CDE
RGB	196, 108, 222
RGB Percent	77%, 42%, 87%
CMY	0.2314, 0.5765, 0.1294
CMYK	0.12, 0.51, 0.00, 0.13
HSL	286°, 63%, 65%
HSV	286°, 51%, 87%
XYZ	41.3123, 27.7348, 72.2832
YIQ	147.3080, 15.8540, 54.1100

Conversions

Conversions Part 2

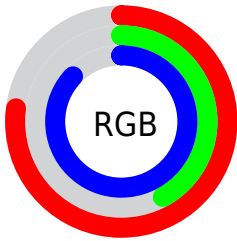
Format	Color
R_{YB}	196, 108, 222
Decimal	12872926
CIE _{Lab}	59.65, 52.68, -44.04
CIE _{LCh}	60, 68.663, 320.102
Yxy	27.7348, 0.2923, 0.1962
Android (android.graphics.Color)	4291063006 (0xFFC46CDE)
YUV	147.3080, 36.8232, 42.7029
Hunter-Lab	52.6639, 47.8632, -44.5131

Details

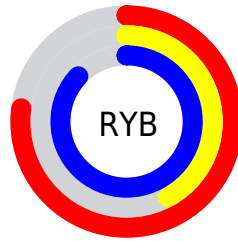
The Hex color **C46CDE** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **86DE6C**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FFA2FF**, and **8C37A6** is the 20% darker color. If you saturate the color by 10%, you get **BF56DE**, and if you desaturate by 10%, it is **C982DE**.

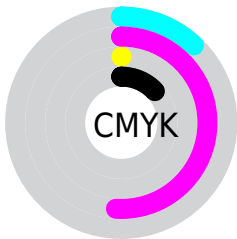
Distribution



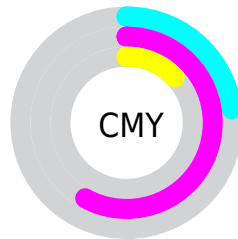
- Red (77%)
- Green (42%)
- Blue (87%)



- Red (77%)
- Yellow (42%)
- Blue (87%)



- Cyan (12%)
- Magenta (51%)
- Yellow (0%)
- Black (13%)



- Cyan (23%)
- Magenta (58%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color C46CDE 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 C46CDE by changing the saturation by 10% instead.

 C46CDE

 C46CDE

FFFFFF

 A852C2

 FFA2FF

 8C37A6

 FFBEFF

 701A8B

 FFDBFF

 560072

 FFF8FF

 3B0058

 250041

 000029

 000113

 000000

 C46CDE

 C46CDE

 BF56DE

 C982DE

 BA40DE

 CE98DE

 B529DE

 D3AFDE

 B013DE

 D8C5DE

 AB00DE

 DDDDBDE

 E2F1DE

 E7FFDE

 EDFFDE

 F2FFDE

Harmonies

Analogous

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



6388FF



C46CDE



F153A6

Triad

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



C46CDE



BD8600



00ABB8

Complementary

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



C46CDE



86DE6C

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.



00AA79



C46CDE



859900

Square

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



C46CDE



E66C33



33A43C



00A8EC

Rectangle

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



C46CDE



FB507E



33A43C



00ABA3

Sweetspot

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



C46CDE



F6D9FF



6C87DE



7A6980



000000



808080

Same Dimension

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



C46CDE



DB61FF



DE6CC0



6E6570



8800B0



250030

Inverse Universe

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



DE6C86



FF6185



6CDE8A



706568



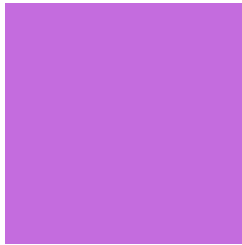
B00028



30000B

Previews

White Background



This preview shows how the Hex color C46CDE looks on a white background.

Color Contrast Check

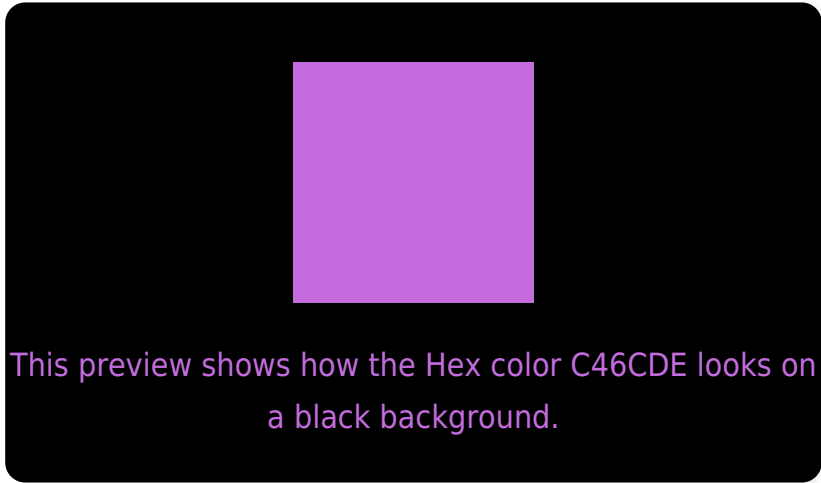
Large Text (above 18pt) WCAG AA ✓ Pass

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

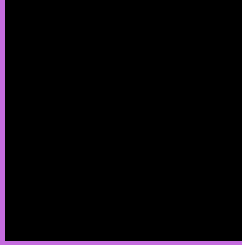
Any Text WCAG AA ✓ Pass

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 C46CDE Background



This preview shows how black text looks on a background with the Hex color C46CDE.

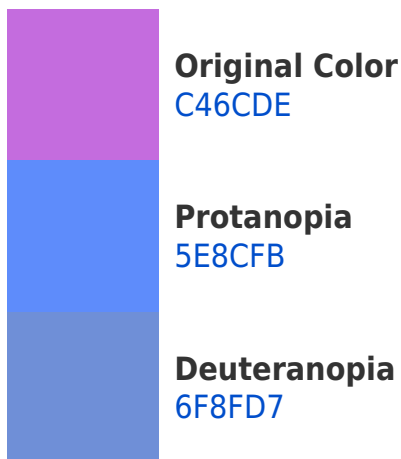



This preview shows how white text looks on a background with the Hex color C46CDE.

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](#).

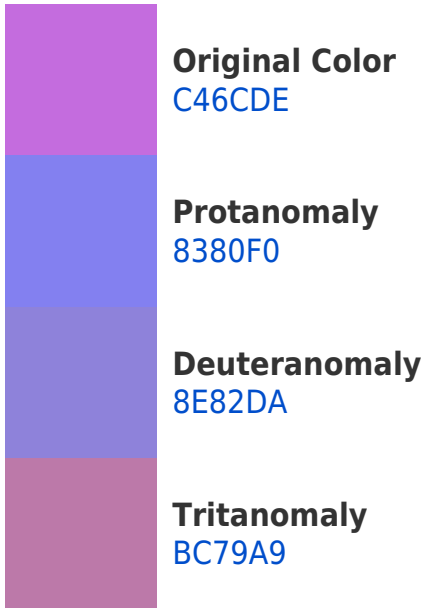
Dichromacy



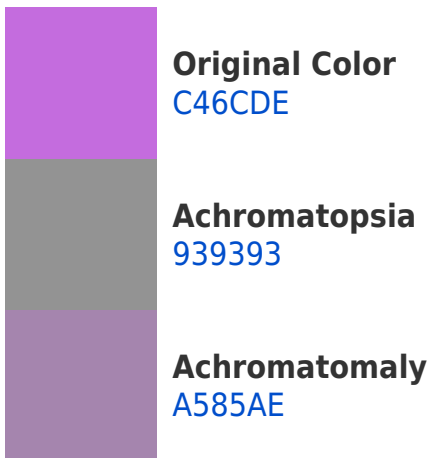


Tritanopia
B8818A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C46CDE 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 #C46CDE looks like.

```
.text, #text, p{  
    color:#C46CDE  
}
```

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 #C46CDE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C46CDE
}
```

Border

The CSS property to change the border of an element to Hex C46CDE 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
#C46CDE }
```

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

```
.border{ border-color:#C46CDE }
```

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

Here you see how a box with a 4 pixel #C46CDE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C46CDE; -webkit-box-shadow:4px 4px  
4px 4px #C46CDE; box-shadow:4px 4px 4px  
4px #C46CDE }
```

Background

The CSS property to change the background color of an element to Hex C46CDE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C46CDE }
```

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

```
.background{ background-color:#C46CDE }
```

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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