

# Converting Colors

Hex(C46EA0)

Have a look what the booklet for  
Hex(C46EA0) contains.

<b>Hex(C46EA0)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(C46EA0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C46EA0
RGB	196, 110, 160
RGB Percent	77%, 43%, 63%
CMY	0.2314, 0.5686, 0.3725
CMYK	0.00, 0.44, 0.18, 0.23
HSL	325°, 42%, 60%
HSV	325°, 44%, 77%
XYZ	34.6860, 25.4257, 36.3372
YIQ	141.4140, 35.2060, 33.7820

# Conversions

## Conversions Part 2

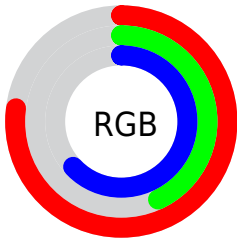
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	196, 110, 160
Decimal	12873376
CIE <sub>Lab</sub>	57.49, 40.55, -12.02
CIE <sub>LCh</sub>	57, 42.295, 343.484
Yxy	25.4257, 0.3596, 0.2636
Android (android.graphics.Color)	4291063456 (0xFFC46EA0)
YUV	141.4140, 9.1629, 47.8719
Hunter-Lab	50.4239, 34.5464, -7.4297

# Details

The Hex color **C46EA0** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **6EC492**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FEA3D7**, and **8C3B6C** is the 20% darker color. If you saturate the color by 10%, you get **C45A98**, and if you desaturate by 10%, it is **C482A8**.

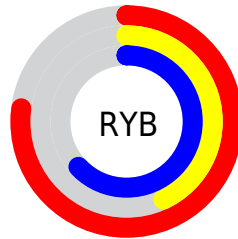
# Distribution



Red (77%)

Green (43%)

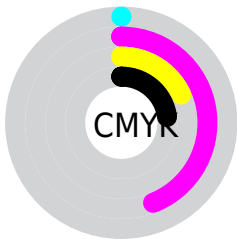
Blue (63%)



Red (77%)

Yellow (43%)

Blue (63%)

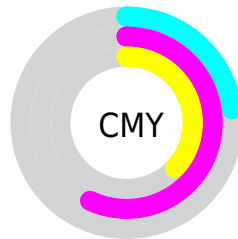


Cyan (0%)

Magenta (44%)

Yellow (18%)

Black (23%)



Cyan (23%)

Magenta (57%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C46EA0 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 C46EA0 by changing the saturation by 10% instead.



 C46EA0

 C46EA0

FFFFFF

 A85486

 FEA3D7

 8C3B6C

 FFBFF3

 712154

 FFDCFF

 57023D

 FFF8FF

 3E0027

 280012

 000000

 C46EA0

 C46EA0

 C45A98

 C482A8

 C44790

 C495B0

 C43387

 C4A9B9

 C4207F

 C4BCC1

 C40C77

 C4D0C9

 C40072

 C4E4D1

 C4F7D9

 C4FFE2

 C4FFEA

# Harmonies

## Analogous

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



A37AC0



C46EA0



D06B7B

# Triad

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



C46EA0



908D40



009BBC

# Complementary

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



C46EA0



6EC492

# 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.



009D9A



C46EA0



679653

# Square

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



C46EA0



B18142



2D9C74



0094D0

# Rectangle

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



C46EA0



CD7063



2D9C74



009CB2



# Sweetspot

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



C46EA0



FFDEF1



926EC4



806B77



000000



808080



# Same Dimension

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



C46EA0



FF78C6



C46E75



61575D



A1005D



210013



# Inverse Universe

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



C46EA0



FF78C6



6EC4BD



61575D



A1005D



210013



# Previews

## White Background



This preview shows how the Hex color C46EA0 looks on a white background.

## Color Contrast Check

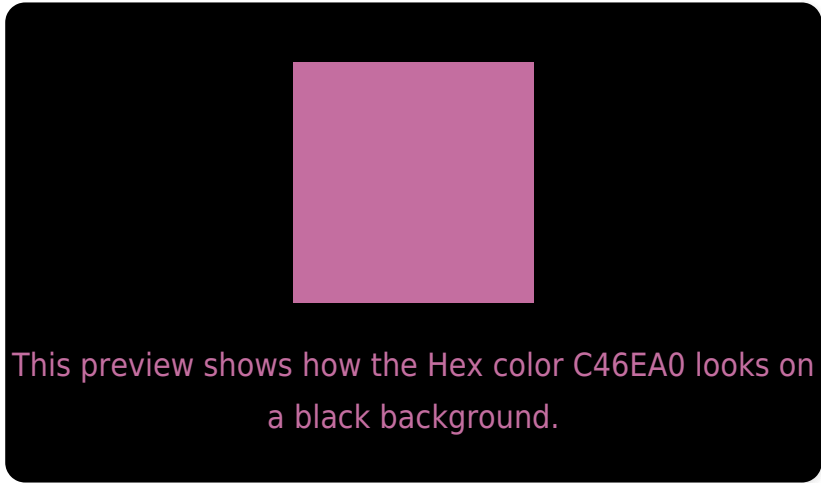
Large Text (above 18pt) WCAG AA ✓ Pass

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

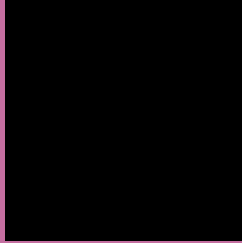
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C46EA0 Background



This preview shows how black text looks on a background with the Hex color C46EA0.



This preview shows how white text looks on a background with the Hex color C46EA0.

# 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](#).

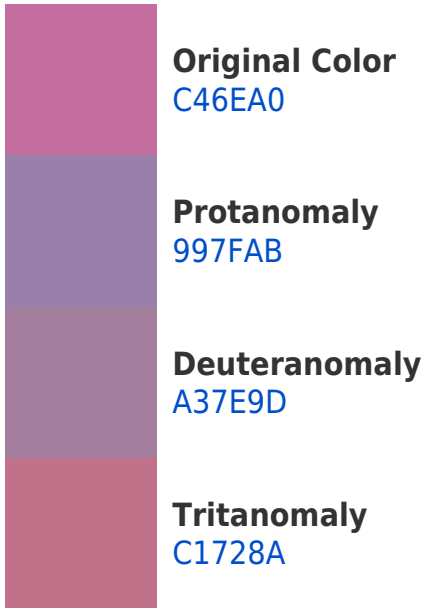
## Dichromacy



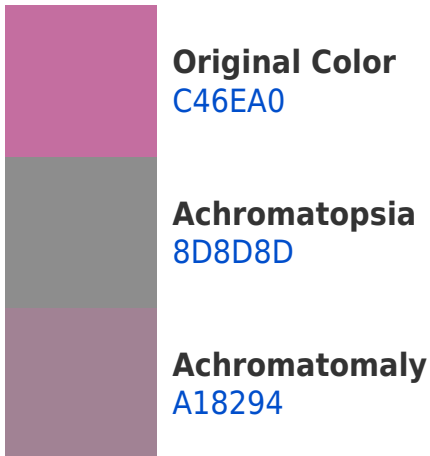


**Tritanopia**  
C0757D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C46EA0 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 #C46EA0 looks like.

```
.text, #text, p{  
    color:#C46EA0  
}
```

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 #C46EA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C46EA0
}
```

## Border

The CSS property to change the border of an element to Hex C46EA0 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
#C46EA0 }
```

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

```
.border{ border-color:#C46EA0 }
```

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

Here you see how a box with a 4 pixel #C46EA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C46EA0; -webkit-box-shadow:4px 4px  
4px 4px #C46EA0; box-shadow:4px 4px 4px  
4px #C46EA0 }
```

# Background

The CSS property to change the background color of an element to Hex C46EA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C46EA0 }
```

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

```
.background{ background-color:#C46EA0 }
```

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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