

# Converting Colors

Hex(CE61AC)

Have a look what the booklet for  
Hex(CE61AC) contains.

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# Color

Hex(CE61AC)

# Conversions

## Conversions Part 1

Format	Color
Hex	CE61AC
RGB	206, 97, 172
RGB Percent	81%, 38%, 67%
CMY	0.1922, 0.6196, 0.3255
CMYK	0.00, 0.53, 0.17, 0.19
HSL	319°, 53%, 59%
HSV	319°, 53%, 81%
XYZ	37.1747, 24.6498, 41.8283
YIQ	138.1410, 40.8890, 46.4330

# Conversions

## Conversions Part 2

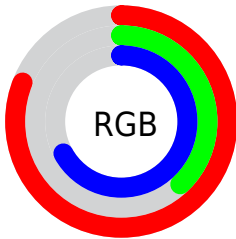
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	206, 97, 172
Decimal	13525420
CIE <sub>Lab</sub>	56.73, 52.15, -19.99
CIE <sub>LCh</sub>	57, 55.853, 339.030
Yxy	24.6498, 0.3586, 0.2378
Android (android.graphics.Color)	4291715500 (0xFFCE61AC)
YUV	138.1410, 16.6925, 59.5123
Hunter-Lab	49.6485, 46.7682, -15.1971

# Details

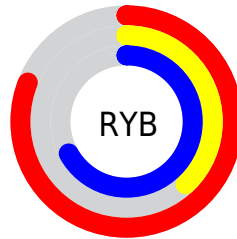
The Hex color **CE61AC** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **61CE83**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FF97E4**, and **952A78** is the 20% darker color. If you saturate the color by 10%, you get **CE4CA6**, and if you desaturate by 10%, it is **CE76B2**.

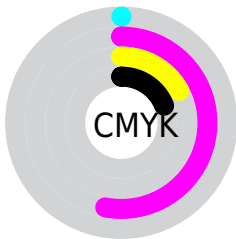
# Distribution



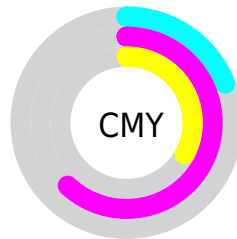
- Red (81%)
- Green (38%)
- Blue (67%)



- Red (81%)
- Yellow (38%)
- Blue (67%)



- Cyan (0%)
- Magenta (53%)
- Yellow (17%)
- Black (19%)



- Cyan (19%)
- Magenta (62%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CE61AC 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 CE61AC by changing the saturation by 10% instead.



 CE61AC

 CE61AC

FFFFFF

 B14691

 FF97E4

 952A78

 FFB3FF

 79045F

 FFD0FF

 5E0047

 FFEDFF

 440030

 2C001B

 000000

 CE61AC

 CE61AC

 CE4CA6

 CE76B2

 CE389F

 CE8AB9

 CE2399

 CE9FBF

 CE0F92

 CEB3C6

 CE008E

 CEC8CC

 CEDDD3

 CEF1D9

 CEFFDF

 CEFFE6

# Harmonies

## Analogous

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



9D75D4



CE61AC



E05A7B

# Triad

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



CE61AC



948A1C



009EC4

# Complementary

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



CE61AC



61CE83

# 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.



009F96



CE61AC



5F9637

# Square

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



CE61AC



BD7929



009D63



0097E3

# Rectangle

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



CE61AC



DE605C



009D63



009FB6



# Sweetspot

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



CE61AC



FFD6F2



8261CE



806778



000000



808080



# Same Dimension

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



CE61AC



FF5ECD



CE6177



665C63



A60072



26001A



# Inverse Universe

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



CE61AC



FF5ECD



61CEB8



665C63



A60072

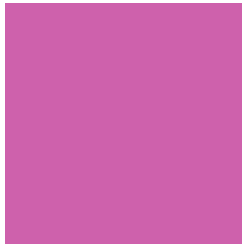


26001A



# Previews

## White Background



This preview shows how the Hex color CE61AC looks on a white background.

## Color Contrast Check

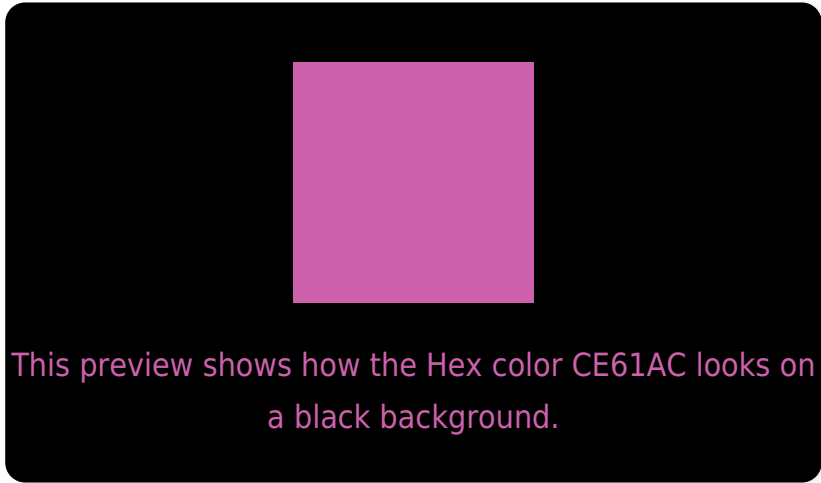
Large Text (above 18pt) WCAG AA ✓ Pass

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

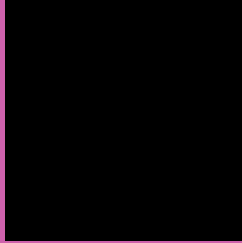
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex CE61AC Background



This preview shows how black text looks on a background with the Hex color CE61AC.

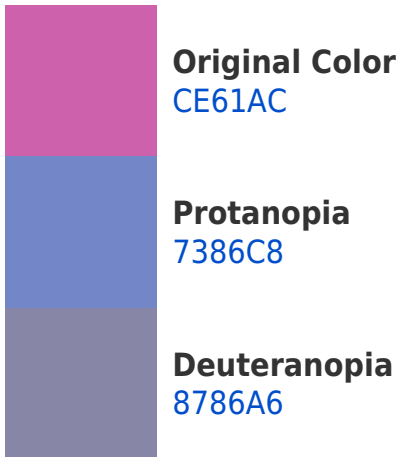



This preview shows how white text looks on a background with the Hex color CE61AC.

# 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**  
C86D75

# Trichromacy



**Original Color**  
CE61AC



**Protanomaly**  
9479BE



**Deuteranomaly**  
A179A8



**Tritanomaly**  
CA6989

# Monochromacy



**Original Color**  
CE61AC



**Achromatopsia**  
8A8A8A



**Achromatomaly**  
A37B96

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CE61AC 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 #CE61AC looks like.

```
.text, #text, p{  
    color:#CE61AC  
}
```

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 #CE61AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE61AC
}
```

## Border

The CSS property to change the border of an element to Hex CE61AC is called "border". The border property can be set on classes, ids or directly on the HTML element.

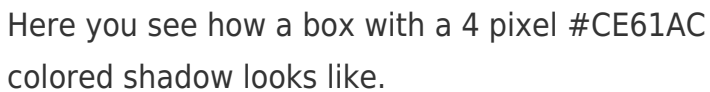
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CE61AC }
```

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

```
.border{ border-color:#CE61AC }
```

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



Here you see how a box with a 4 pixel `#CE61AC` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE61AC; -webkit-box-shadow:4px 4px  
4px 4px #CE61AC; box-shadow:4px 4px 4px  
4px #CE61AC }
```

# Background

The CSS property to change the background color of an element to Hex CE61AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE61AC }
```

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

```
.background{ background-color:#CE61AC }
```

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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