

# Converting Colors

Hex(CE51AC)

Have a look what the booklet for  
Hex(CE51AC) contains.

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# Color

Hex(CE51AC)

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | CE51AC                     |
| RGB         | 206, 81, 172               |
| RGB Percent | 81%, 32%, 67%              |
| CMY         | 0.1922, 0.6824, 0.3255     |
| CMYK        | 0.00, 0.61, 0.17, 0.19     |
| HSL         | 316°, 56%, 56%             |
| HSV         | 316°, 61%, 81%             |
| XYZ         | 35.8424, 21.9852, 41.3842  |
| YIQ         | 128.7490, 45.2890, 54.8010 |

# Conversions

## Conversions Part 2

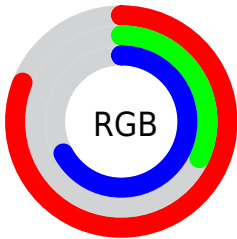
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 206, 81, 172                  |
| Decimal                             | 13521324                      |
| CIE <sub>Lab</sub>                  | 54.01, 59.46, -24.16          |
| CIE <sub>LCh</sub>                  | 54, 64.184, 337.884           |
| Yxy                                 | 21.9852, 0.3613,<br>0.2216    |
| Android<br>(android.graphics.Color) | 4291711404<br>(0xFFCE51AC)    |
| YUV                                 | 128.7490, 21.3227,<br>67.7491 |
| Hunter-Lab                          | 46.8884, 54.3942,<br>-19.5081 |

# Details

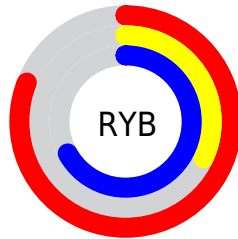
The Hex color **CE51AC** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **51CE73**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FF89E4**, and **940F77** is the 20% darker color. If you saturate the color by 10%, you get **CE3CA6**, and if you desaturate by 10%, it is **CE66B2**.

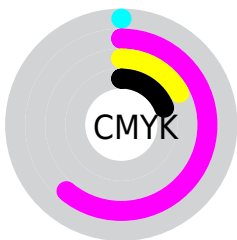
# Distribution



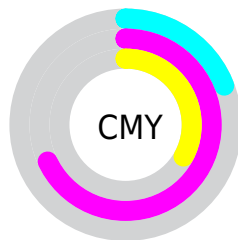
- Red (81%)
- Green (32%)
- Blue (67%)



- Red (81%)
- Yellow (32%)
- Blue (67%)



- Cyan (0%)
- Magenta (61%)
- Yellow (17%)
- Black (19%)



- Cyan (19%)
- Magenta (68%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CE51AC 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 CE51AC by changing the saturation by 10% instead.



 CE51AC

 CE51AC

FFFFFF

 B13491

 FF89E4

 940F77

 FFA5FF

 78005F

 FFC1FF

 5D0047

 FFDEFF

 430030

 FFFCFF

 29001B

 000000

 CE51AC

 CE51AC

 CE3CA6

 CE66B2

 CE28A1

 CE7AB7

 CE139B

 CE8FBD

 CE0096

 CEA3C2

 CEB8C8

 CECDCE

 CEE1D3

 CEF6D9

 CEFFDE

# Harmonies

## Analogous

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



956BD9



CE51AC



E34675

# Triad

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



CE51AC



8E8300



0099C4

# Complementary

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



CE51AC



51CE73

# 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.



009A8F



CE51AC



52911D

# Square

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



CE51AC



BB6F09



009855



0092E8

# Rectangle

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



CE51AC



E04E51



009855



009AB4



# Sweetspot

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



CE51AC



FFD1F3



7251CE



806378



000000



808080



# Same Dimension

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



CE51AC



FF45CC



CE516E



665C63



A60079



26001C



# Inverse Universe

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



CE51AC



FF45CC



51CEB1



665C63



A60079



26001C



# Previews

## White Background



This preview shows how the Hex color CE51AC looks on a white background.

## Color Contrast Check

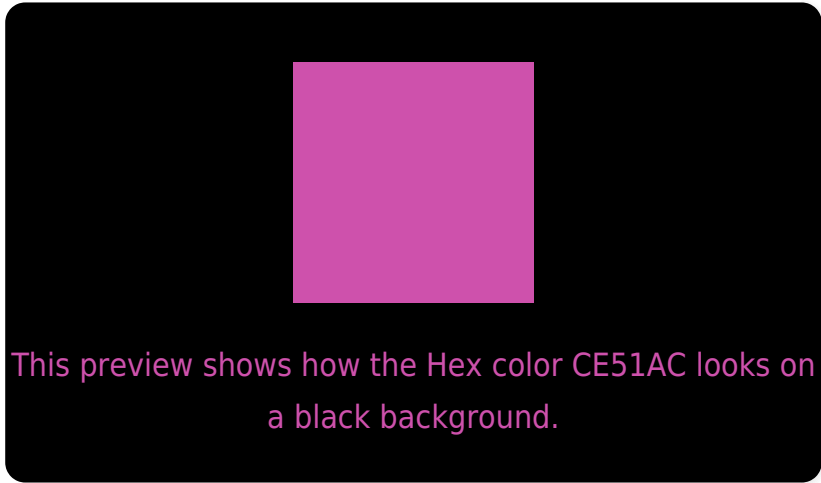
Large Text (above 18pt) WCAG AA ✓ Pass

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 CE51AC Background



This preview shows how black text looks on a background with the Hex color CE51AC.

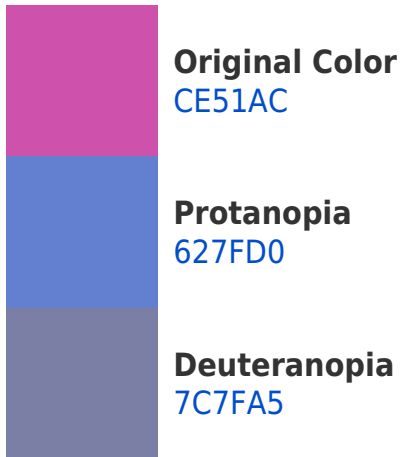


This preview shows how white text looks on a background with the Hex color CE51AC.

# 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](#).

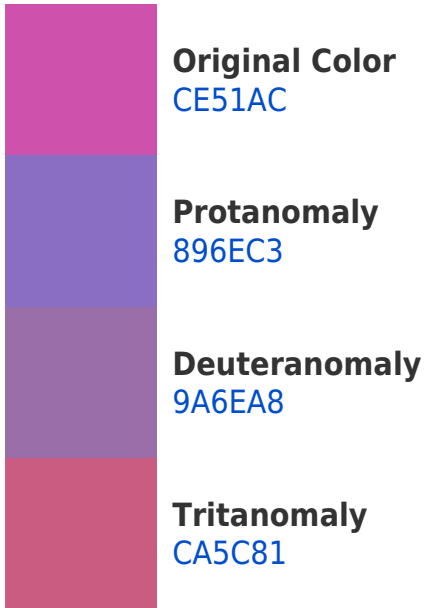
## Dichromacy





**Tritanopia**  
C76269

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CE51AC 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 #CE51AC looks like.

```
.text, #text, p{  
    color:#CE51AC  
}
```

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 #CE51AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE51AC
}
```

## Border

The CSS property to change the border of an element to Hex CE51AC 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
#CE51AC }
```

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

```
.border{ border-color:#CE51AC }
```

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

Here you see how a box with a 4 pixel #CE51AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE51AC; -webkit-box-shadow:4px 4px  
4px 4px #CE51AC; box-shadow:4px 4px 4px  
4px #CE51AC }
```

# Background

The CSS property to change the background color of an element to Hex CE51AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE51AC }
```

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

```
.background{ background-color:#CE51AC }
```

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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