

# Converting Colors

Hex(CE5B9C)

Have a look what the booklet for  
Hex(CE5B9C) contains.

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# Color

**Hex(CE5B9C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CE5B9C
RGB	206, 91, 156
RGB Percent	81%, 36%, 61%
CMY	0.1922, 0.6431, 0.3882
CMYK	0.00, 0.56, 0.24, 0.19
HSL	326°, 54%, 58%
HSV	326°, 56%, 81%
XYZ	35.1954, 23.0043, 34.0378
YIQ	132.7950, 47.6750, 44.5950

# Conversions

## Conversions Part 2

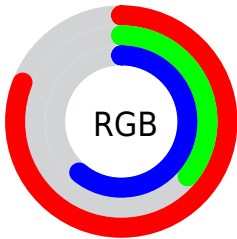
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	206, 91, 156
Decimal	13523868
CIE <sub>Lab</sub>	55.08, 52.68, -13.19
CIE <sub>LCh</sub>	55, 54.309, 345.944
Y <sub>xy</sub>	23.0043, 0.3816, 0.2494
Android (android.graphics.Color)	4291713948 (0xFFCE5B9C)
YUV	132.7950, 11.4401, 64.2008
Hunter-Lab	47.9628, 47.0497, -8.5024

# Details

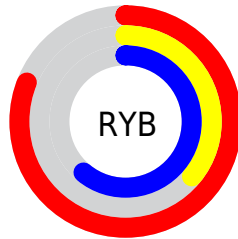
The Hex color **CE5B9C** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **5BCE8D**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FF92D3**, and **952269** is the 20% darker color. If you saturate the color by 10%, you get **CE4693**, and if you desaturate by 10%, it is **CE70A5**.

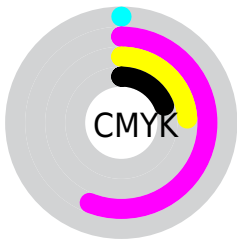
# Distribution



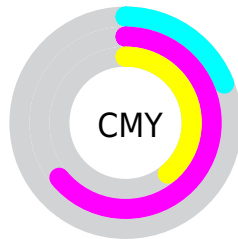
- Red (81%)
- Green (36%)
- Blue (61%)



- Red (81%)
- Yellow (36%)
- Blue (61%)



- Cyan (0%)
- Magenta (56%)
- Yellow (24%)
- Black (19%)



- Cyan (19%)
- Magenta (64%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CE5B9C 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 CE5B9C by changing the saturation by 10% instead.



 CE5B9C

 CE5B9C

FFFFFF

 B14082

 FF92D3

 952269

 FFADEF

 790051

 FFCAFF

 5D003A

 FFE7FF

 430024

 2A000D

 000000

 CE5B9C

 CE5B9C

 CE4693

 CE70A5

 CE328A

 CE84AE

 CE1D81

 CE99B7

 CE0978

 CEADC0

 CE0074

 CEC2C9

 CED7D2

 CEEBDB

 CEFFE4

 CEFFED

# Harmonies

## Analogous

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



A66CC6



CE5B9C



DA596D

# Triad

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



CE5B9C



85891F



0098C7

# Complementary

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



CE5B9C



5BCE8D

# 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.



009A9C



CE5B9C



4E943E

# Square

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



CE5B9C



AF7A22



00996B



008FDF

# Rectangle

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



CE5B9C



D4614F



00996B



0099BA



# Sweetspot

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



CE5B9C



FFD4EC



8D5BCE



806674



000000



808080



# Same Dimension

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



CE5B9C



FF54B5



CE5B63



665C62



A6005E



260016



# Inverse Universe

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



CE5B9C



FF54B5



5BCEC6



665C62



A6005E



260016



# Previews

## White Background



This preview shows how the Hex color CE5B9C looks on a white background.

## Color Contrast Check

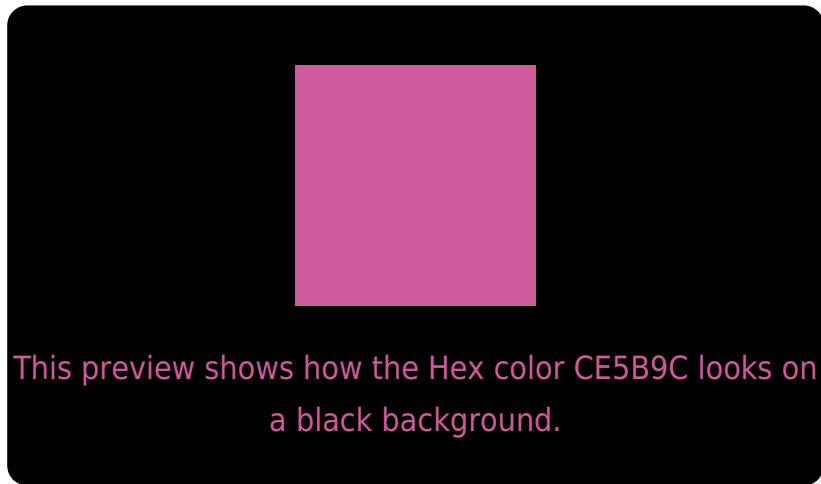
Large Text (above 18pt) WCAG AA ✓ Pass

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 CE5B9C Background



This preview shows how black text looks on a background with the Hex color CE5B9C.



This preview shows how white text looks on a background with the Hex color CE5B9C.

# Color Blindness Simulation

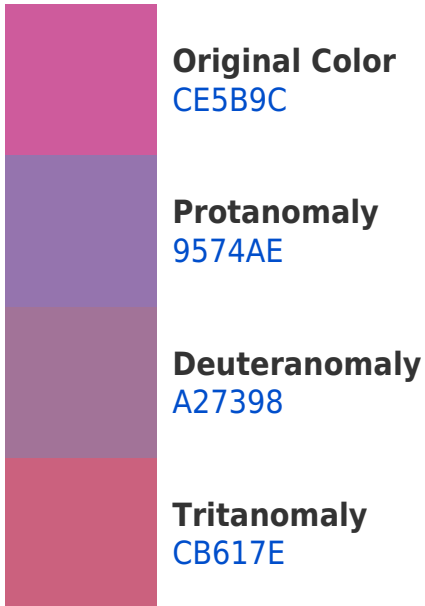
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CE5B9C 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 #CE5B9C looks like.

```
.text, #text, p{  
    color:#CE5B9C  
}
```

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 #CE5B9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE5B9C
}
```

## Border

The CSS property to change the border of an element to Hex CE5B9C 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
#CE5B9C }
```

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

```
.border{ border-color:#CE5B9C }
```

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

Here you see how a box with a 4 pixel #CE5B9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE5B9C; -webkit-box-shadow:4px 4px  
4px 4px #CE5B9C; box-shadow:4px 4px 4px  
4px #CE5B9C }
```

# Background

The CSS property to change the background color of an element to Hex CE5B9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE5B9C }
```

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

```
.background{ background-color:#CE5B9C }
```

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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