

# Converting Colors

Hex(CE5695)

Have a look what the booklet for  
Hex(CE5695) contains.

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# Color

**Hex(CE5695)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CE5695
RGB	206, 86, 149
RGB Percent	81%, 34%, 58%
CMY	0.1922, 0.6627, 0.4157
CMYK	0.00, 0.58, 0.28, 0.19
HSL	328°, 55%, 57%
HSV	328°, 58%, 81%
XYZ	34.2062, 21.9473, 30.8672
YIQ	129.0620, 51.2970, 45.0330

# Conversions

## Conversions Part 2

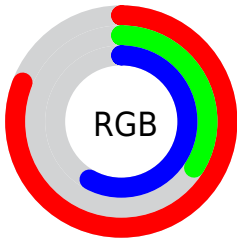
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	206, 86, 149
Decimal	13522581
CIE <sub>Lab</sub>	53.97, 54.05, -10.74
CIE <sub>LCh</sub>	54, 55.110, 348.758
Yxy	21.9473, 0.3931, 0.2522
Android (android.graphics.Color)	4291712661 (0xFFCE5695)
YUV	129.0620, 9.8294, 67.4746
Hunter-Lab	46.8480, 48.3485, -6.2714

# Details

The Hex color **CE5695** 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 **56CE8F**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FF8DCB**, and **941B62** is the 20% darker color. If you saturate the color by 10%, you get **CE418B**, and if you desaturate by 10%, it is **CE6B9F**.

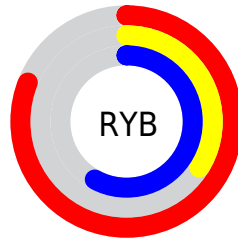
# Distribution



Red (81%)

Green (34%)

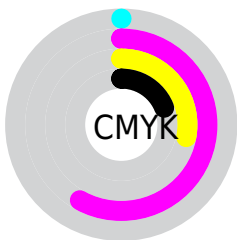
Blue (58%)



Red (81%)

Yellow (34%)

Blue (58%)

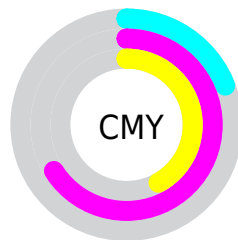


Cyan (0%)

Magenta (58%)

Yellow (28%)

Black (19%)



Cyan (19%)

Magenta (66%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CE5695 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 CE5695 by changing the saturation by 10% instead.



 CE5695

 CE5695

FFFFFF

 B13A7B

 FF8DCB

 941B62

 FFA9E7

 78004A

 FFC5FF

 5D0034

 FFE2FF

 42001F

 290002

 000000

 CE5695

 CE5695

 CE418B

 CE6B9F

 CE2D81

 CE7FA9

 CE1878

 CE94B2

 CE046E

 CEA8BC

 CE006C

 CEBDC6

 CED2D0

 CEE6D9

 CEFBE3

 CEFFED

# Harmonies

## Analogous

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



A967C0



CE5695



D75565

# Triad

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



CE5695



7D881B



0094C8

# Complementary

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



CE5695



56CE8F

# 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.



00989E



CE5695



43923E

# Square

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



CE5695



A8781A



00976D



008CDE

# Rectangle

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



CE5695



CF5F48



00976D



0096BB



# Sweetspot

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



CE5695



FFD4EA



8E56CE



806673



000000



808080



# Same Dimension

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



CE5695



FF4DAA



CE565A



665C61



A60057



260014



# Inverse Universe

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



CE5695



FF4DAA



56CECA



665C61



A60057



260014



# Previews

## White Background



This preview shows how the Hex color CE5695 looks on a white background.

## Color Contrast Check

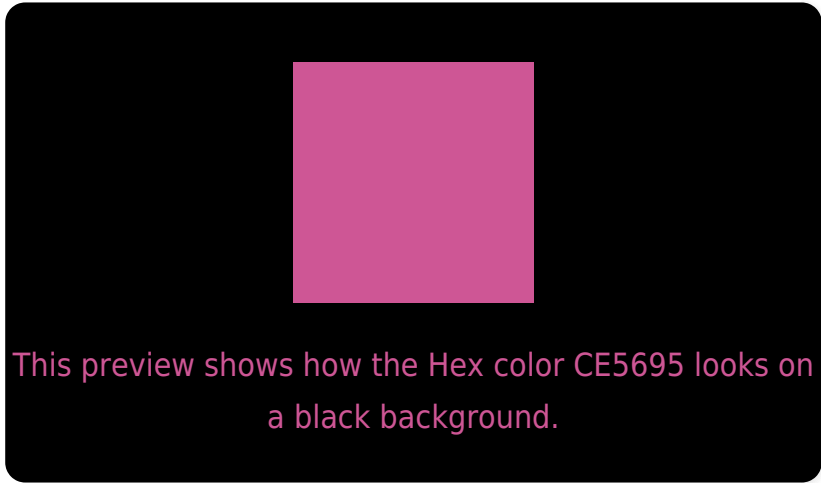
Large Text (above 18pt) WCAG AA ✓ Pass

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 CE5695 Background



This preview shows how black text looks on a background with the Hex color CE5695.



This preview shows how white text looks on a background with the Hex color CE5695.

# Color Blindness Simulation

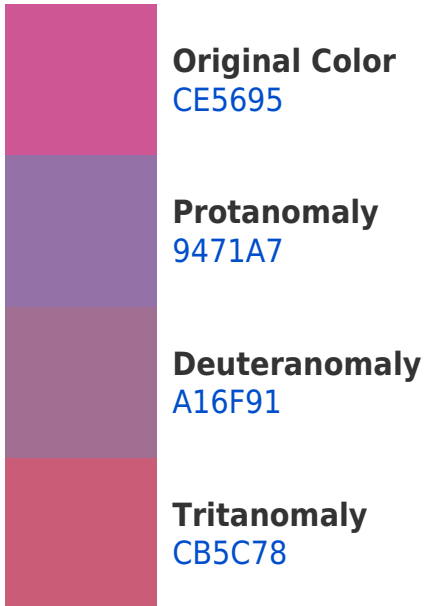
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

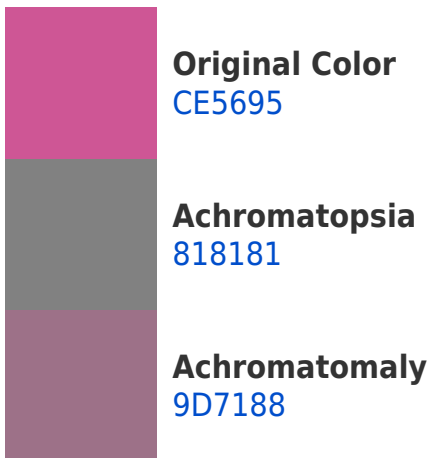




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CE5695 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 #CE5695 looks like.

```
.text, #text, p{  
    color:#CE5695  
}
```

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 #CE5695 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE5695
}
```

## Border

The CSS property to change the border of an element to Hex CE5695 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
#CE5695 }
```

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

```
.border{ border-color:#CE5695 }
```

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

Here you see how a box with a 4 pixel #CE5695 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE5695; -webkit-box-shadow:4px 4px  
4px 4px #CE5695; box-shadow:4px 4px 4px  
4px #CE5695 }
```

# Background

The CSS property to change the background color of an element to Hex CE5695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE5695 }
```

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

```
.background{ background-color:#CE5695 }
```

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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