

# Converting Colors

Hex(CE378C)

Have a look what the booklet for  
Hex(CE378C) contains.

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# Color

Hex(CE378C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CE378C
RGB	206, 55, 140
RGB Percent	81%, 22%, 55%
CMY	0.1922, 0.7843, 0.4510
CMYK	0.00, 0.73, 0.32, 0.19
HSL	326°, 61%, 51%
HSV	326°, 73%, 81%
XYZ	31.5534, 17.7476, 26.5735
YIQ	109.8390, 62.7110, 58.4470

# Conversions

## Conversions Part 2

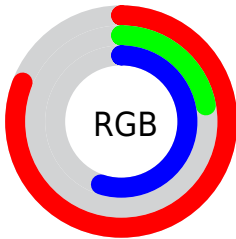
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	206, 55, 140
Decimal	13514636
CIE <sub>Lab</sub>	49.19, 65.22, -12.59
CIE <sub>LCh</sub>	49, 66.429, 349.074
Yxy	17.7476, 0.4159, 0.2339
Android (android.graphics.Color)	4291704716 (0xFFCE378C)
YUV	109.8390, 14.8694, 84.3332
Hunter-Lab	42.1279, 59.9708, -7.9095

# Details

The Hex color **CE378C** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **37CE79**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FF73C2**, and **93005A** is the 20% darker color. If you saturate the color by 10%, you get **CE2283**, and if you desaturate by 10%, it is **CE4C95**.

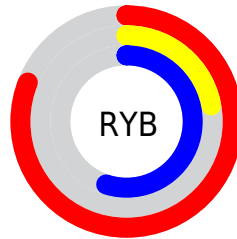
# Distribution



Red (81%)

Green (22%)

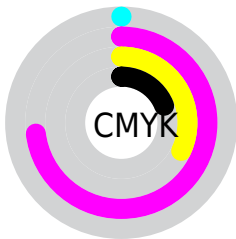
Blue (55%)



Red (81%)

Yellow (22%)

Blue (55%)

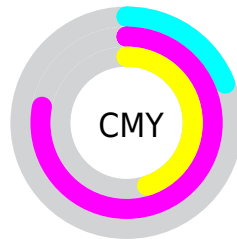


Cyan (0%)

Magenta (73%)

Yellow (32%)

Black (19%)



Cyan (19%)

Magenta (78%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CE378C 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 CE378C by changing the saturation by 10% instead.



 CE378C

 CE378C

FFFFFF

 B00D72

 FF73C2

 93005A

 FF8FDD

 760042

 FFACFA

 5A002C

 FFC9FF

 400018

 FFE6FF

 200001

 000000

 CE378C

 CE378C

 CE2283

 CE4C95

 CE0E7A

 CE609E

 CE0074

 CE75A7

 CE89B0

 CE9EB9

 CEB3C2

 CEC7CB

 CEDCD4

 CEF0DD

# Harmonies

## Analogous

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



A353C0



CE378C



D73754

# Triad

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



CE378C



6B7D00



008BCA

# Complementary

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



CE378C



37CE79

# 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.



008E98



CE378C



168722

# Square

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



CE378C



9E6B00



008D5E



0082E4

# Rectangle

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



CE378C



CD4830



008D5E



008DBB



# Sweetspot

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



CE378C



FFC7E6



7837CE



805E71



000000



808080



# Same Dimension

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



CE378C



FF1F9D



CE3741



665C62



A6005D



260016



# Inverse Universe

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



CE378C



FF1F9D



37CEC4



665C62



A6005D



260016



# Previews

## White Background



This preview shows how the Hex color CE378C looks on a white 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

# 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 CE378C Background



This preview shows how black text looks on a background with the Hex color CE378C.

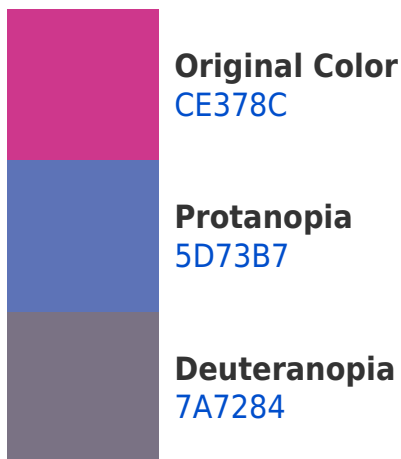



This preview shows how white text looks on a background with the Hex color CE378C.

# 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**  
C9494D

# Trichromacy



**Original Color**  
CE378C



**Protanomaly**  
865DA7



**Deuteranomaly**  
995D87

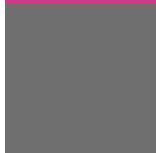


**Tritanomaly**  
CB4264

# Monochromacy



**Original Color**  
CE378C



**Achromatopsia**  
6E6E6E



**Achromatomaly**  
915A79

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CE378C 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 #CE378C looks like.

```
.text, #text, p{  
    color:#CE378C  
}
```

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 #CE378C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE378C
}
```

## Border

The CSS property to change the border of an element to Hex CE378C 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
#CE378C }
```

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

```
.border{ border-color:#CE378C }
```

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

Here you see how a box with a 4 pixel #CE378C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE378C; -webkit-box-shadow:4px 4px  
4px 4px #CE378C; box-shadow:4px 4px 4px  
4px #CE378C }
```

# Background

The CSS property to change the background color of an element to Hex CE378C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE378C }
```

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

```
.background{ background-color:#CE378C }
```

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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