

Converting Colors

Hex(CE68CC)

Have a look what the booklet for
Hex(CE68CC) contains.

Hex(CE68CC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CE68CC)

Conversions

Conversions Part 1

Format	Color
Hex	CE68CC
RGB	206, 104, 204
RGB Percent	81%, 41%, 80%
CMY	0.1922, 0.5922, 0.2000
CMYK	0.00, 0.50, 0.01, 0.19
HSL	301°, 51%, 61%
HSV	301°, 50%, 81%
XYZ	41.3030, 27.3821, 60.2351
YIQ	145.8980, 28.6920, 52.7240

Conversions

Conversions Part 2

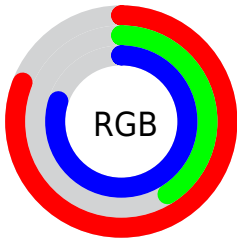
Format	Color
R _Y B	206, 104, 204
Decimal	13527244
CIE _{Lab}	59.33, 54.04, -34.31
CIE _{LCh}	59, 64.009, 327.588
Y _{xy}	27.3821, 0.3204, 0.2124
Android (android.graphics.Color)	4291717324 (0xFFCE68CC)
Y _{UV}	145.8980, 28.6443, 52.7095
Hunter-Lab	52.3279, 49.3183, -31.6197

Details

The Hex color **CE68CC** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **68CE6A**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FF9FFF**, and **953295** is the 20% darker color. If you saturate the color by 10%, you get **CE53CC**, and if you desaturate by 10%, it is **CE7DCC**.

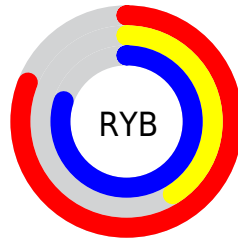
Distribution



Red (81%)

Green (41%)

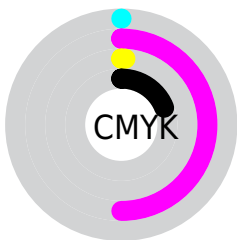
Blue (80%)



Red (81%)

Yellow (41%)

Blue (80%)

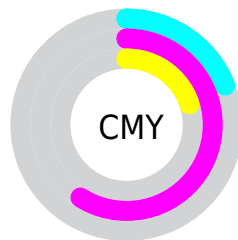


Cyan (0%)

Magenta (50%)

Yellow (1%)

Black (19%)



Cyan (19%)

Magenta (59%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color CE68CC 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 CE68CC by changing the saturation by 10% instead.

 CE68CC

 CE68CC

FFFFFF

 B14DB0

 FF9FFF

 953295

 FFBBFF

 7A117B

 FFD7FF

 5F0062

 FFF4FF

 45004A

 2E0033

 03001C

 000000

 CE68CC

 CE68CC

 CE53CC

 CE7DCC

 CE3FCB

 CE91CD

 CE2ACB

 CEA6CD

 CE16CA

 CEBACE

 CE01CA

 CECFCE

 CE00CA

 CEE4CE

 CEF8CF

 CEFFCF

 CEFFD0

Harmonies

Analogous

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



8582F3



CE68CC



F05796

Triad

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



CE68CC



AE8B01



00A9C1

Complementary

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



CE68CC



68CE6A

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.



00A988



CE68CC



779B1C

Square

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



CE68CC



D8742D



17A44F



00A3ED

Rectangle

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



CE68CC



F45870



17A44F



00A9AF

Sweetspot

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



CE68CC



FFD9FE



6A68CE



80697F



000000



808080

Same Dimension

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



CE68CC



FF69FC



CE6899



665C66



A600A3



260026

Inverse Universe

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



CE68CC



FF69FC



68CE9D



665C66



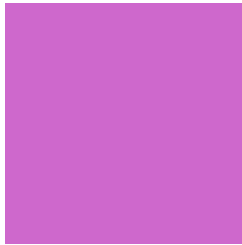
A600A3



260026

Previews

White Background



This preview shows how the Hex color CE68CC looks on a white background.

Color Contrast Check

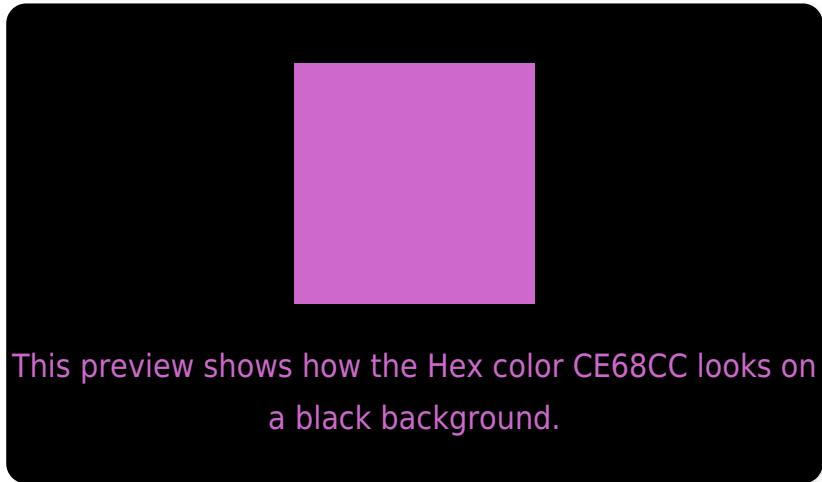
Large Text (above 18pt) WCAG AA ✓ Pass

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

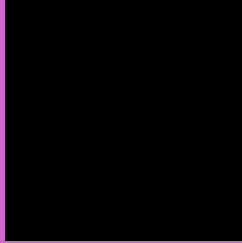
Any Text WCAG AA ✓ Pass

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 CE68CC Background



This preview shows how black text looks on a background with the Hex color CE68CC.

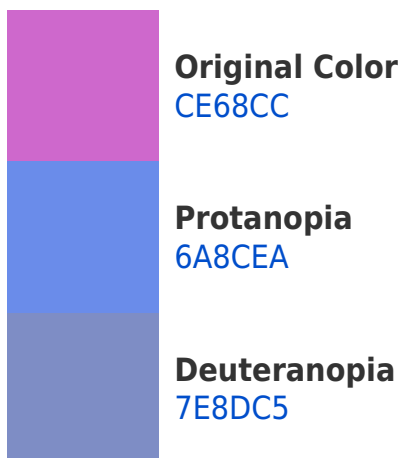



This preview shows how white text looks on a background with the Hex color CE68CC.

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
C57A83

Trichromacy



Original Color
CE68CC



Protanomaly
8E7FDF



Deuteranomaly
9B80C8



Tritanomaly
C8739E

Monochromacy



Original Color
CE68CC



Achromatopsia
929292



Achromatomaly
A883A7

CSS Examples

Text

The CSS property to change the color of the text to Hex CE68CC 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 #CE68CC looks like.

```
.text, #text, p{  
    color:#CE68CC  
}
```

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 #CE68CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE68CC  
}
```

Border

The CSS property to change the border of an element to Hex CE68CC 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  
#CE68CC }
```

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

```
.border{ border-color:#CE68CC }
```

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

Here you see how a box with a 4 pixel #CE68CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE68CC; -webkit-box-shadow:4px 4px  
4px 4px #CE68CC; box-shadow:4px 4px 4px  
4px #CE68CC }
```

Background

The CSS property to change the background color of an element to Hex CE68CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE68CC }
```

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

```
.background{ background-color:#CE68CC }
```

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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