

# Converting Colors

Hex(CE4C88)

Have a look what the booklet for  
Hex(CE4C88) contains.

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# Color

Hex(CE4C88)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CE4C88
RGB	206, 76, 136
RGB Percent	81%, 30%, 53%
CMY	0.1922, 0.7020, 0.4667
CMYK	0.00, 0.63, 0.34, 0.19
HSL	332°, 57%, 55%
HSV	332°, 63%, 81%
XYZ	32.4820, 20.0683, 25.4541
YIQ	121.7100, 58.2200, 46.2200

# Conversions

## Conversions Part 2

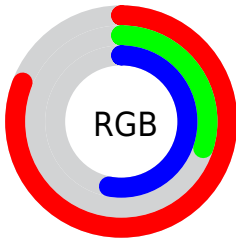
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	206, 76, 136
Decimal	13520008
CIE <sub>Lab</sub>	51.91, 56.84, -6.11
CIE <sub>LCh</sub>	52, 57.167, 353.863
Yxy	20.0683, 0.4164, 0.2573
Android (android.graphics.Color)	4291710088 (0xFFCE4C88)
YUV	121.7100, 7.0450, 73.9223
Hunter-Lab	44.7976, 51.0314, -2.3304

# Details

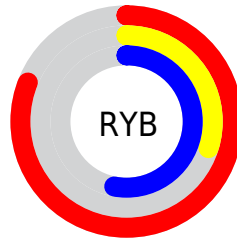
The Hex color **CE4C88** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **4CCE92**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **FF84BD**, and **940556** is the 20% darker color. If you saturate the color by 10%, you get **CE377D**, and if you desaturate by 10%, it is **CE6193**.

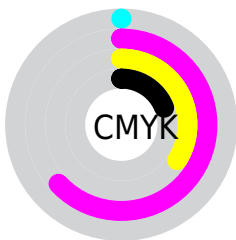
# Distribution



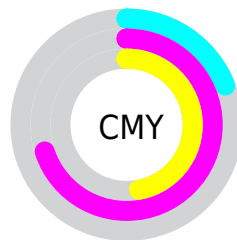
- Red (81%)
- Green (30%)
- Blue (53%)



- Red (81%)
- Yellow (30%)
- Blue (53%)



- Cyan (0%)
- Magenta (63%)
- Yellow (34%)
- Black (19%)



- Cyan (19%)
- Magenta (70%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CE4C88 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 CE4C88 by changing the saturation by 10% instead.



 CE4C88

 CE4C88

FFFFFF

 B12F6F

 FF84BD

 940556

 FFA0D9

 77003F

 FFBCF5

 5B0029

 FFD9FF

 410015

 FFF6FF

 240001

 000000

 CE4C88

 CE4C88

 CE377D

 CE6193

 CE2372

 CE759E

 CE0E67

 CE8AA9

 CE005F

 CE9EB4

 CEB3BF

 CEC8CB

 CEDCD6

 CEF1E1

 CEFFEC

# Harmonies

## Analogous

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



AD5DB6



CE4C88



D24F57

# Triad

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



CE4C88



6E8513



008FCA

# Complementary

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



CE4C88



4CCE92

# 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.



0092A2



CE4C88



288E3E

# Square

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



CE4C88



9C7606



009270



0085DD

# Rectangle

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



CE4C88



C85B3A



009270



0090BF



# Sweetspot

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



CE4C88



FFCFE5



914CCE



806270



000000



808080



# Same Dimension

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



CE4C88



FF3D97



CE504C



665C61



A6004D



260012



# Inverse Universe

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



CE4C88



FF3D97



4CCACE



665C61



A6004C



260012



# Previews

## White Background



This preview shows how the Hex color CE4C88 looks on a white background.

## Color Contrast Check

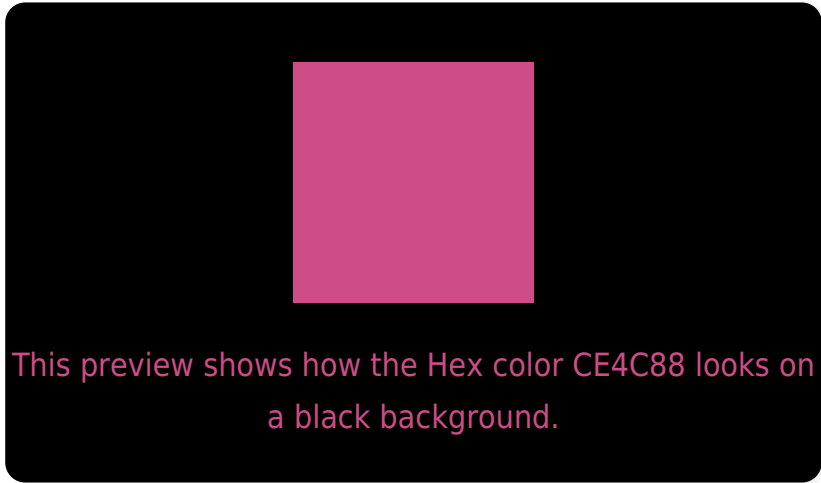
Large Text (above 18pt) WCAG AA ✓ Pass

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 CE4C88 Background



This preview shows how black text looks on a background with the Hex color CE4C88.



This preview shows how white text looks on a background with the Hex color CE4C88.

# 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



**Original Color**  
CE4C88



**Protanomaly**  
926A9C



**Deuteranomaly**  
A06984

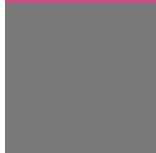


**Tritanomaly**  
CC526C

# Monochromacy



**Original Color**  
CE4C88



**Achromatopsia**  
7A7A7A



**Achromatomaly**  
99697F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CE4C88 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 #CE4C88 looks like.

```
.text, #text, p{  
    color:#CE4C88  
}
```

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 #CE4C88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE4C88
}
```

## Border

The CSS property to change the border of an element to Hex CE4C88 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
#CE4C88 }
```

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

```
.border{ border-color:#CE4C88 }
```

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

Here you see how a box with a 4 pixel #CE4C88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE4C88; -webkit-box-shadow:4px 4px  
4px 4px #CE4C88; box-shadow:4px 4px 4px  
4px #CE4C88 }
```

# Background

The CSS property to change the background color of an element to Hex CE4C88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE4C88 }
```

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

```
.background{ background-color:#CE4C88 }
```

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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