

# Converting Colors

Hex(CE6F91)

Have a look what the booklet for  
Hex(CE6F91) contains.

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# **Color**

**Hex(CE6F91)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CE6F91
RGB	206, 111, 145
RGB Percent	81%, 44%, 57%
CMY	0.1922, 0.5647, 0.4314
CMYK	0.00, 0.46, 0.30, 0.19
HSL	339°, 49%, 62%
HSV	339°, 46%, 81%
XYZ	36.2489, 26.5350, 29.9993
YIQ	143.2810, 45.7060, 30.7140

# Conversions

## Conversions Part 2

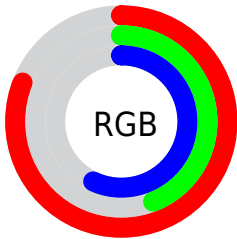
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	206, 111, 145
Decimal	13528977
CIE Lab	58.54, 41.30, -1.62
CIE LCh	59, 41.328, 357.752
Yxy	26.5350, 0.3907, 0.2860
Android (android.graphics.Color)	4291719057 (0xFFCE6F91)
YUV	143.2810, 0.8475, 55.0046
Hunter-Lab	51.5122, 35.4634, 1.5296

# Details

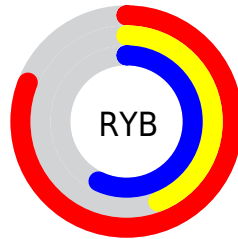
The Hex color **CE6F91** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **6FCEAC**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FFA5C7**, and **953B5F** is the 20% darker color. If you saturate the color by 10%, you get **CE5A84**, and if you desaturate by 10%, it is **CE849E**.

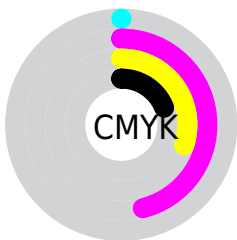
# Distribution



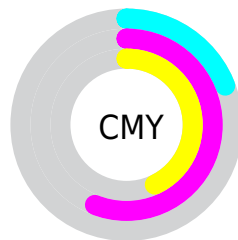
- Red (81%)
- Green (44%)
- Blue (57%)



- Red (81%)
- Yellow (44%)
- Blue (57%)



- Cyan (0%)
- Magenta (46%)
- Yellow (30%)
- Black (19%)



- Cyan (19%)
- Magenta (56%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CE6F91 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 CE6F91 by changing the saturation by 10% instead.



 CE6F91

 CE6F91

FFFFFF

 B15577

 FFA5C7

 953B5F

 FFC0E3

 7A2147

 FFDDFF

 5F0031

 FFFAFF

 44001C

 2E0002

 000000

 CE6F91

 CE6F91

 CE5A84

 CE849E

 CE4677

 CE98AB

 CE3169

 CEADB9

 CE1D5C

 CEC1C6

 CE084F

 CED6D3

 CE004A

 CEEBE0

 CEFFEE

 CEFFFB

 CEFFFF

# Harmonies

## Analogous

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



B777B4



CE6F91



D0726D

# Triad

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



CE6F91



81954A



009AC9

# Complementary

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



CE6F91



6FCEAC

# 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.



009FAD



CE6F91



549C65

# Square

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



CE6F91



A58A43



009F89



4891D5

# Rectangle

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



CE6F91



C87959



009F89



009CC1



# Sweetspot

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



CE6F91



FFDBE8



AB6FCE



806A72



000000



808080



# Same Dimension

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



CE6F91



FF73A5



CE7C6F



665C5F



A6003B



26000E



# Inverse Universe

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



CE6F91



FF73A5



6FC1CE



665C5F



A6003B

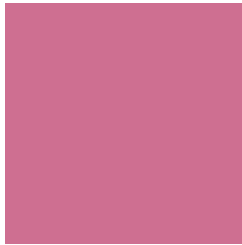


26000E



# Previews

## White Background



This preview shows how the Hex color CE6F91 looks on a white background.

## Color Contrast Check

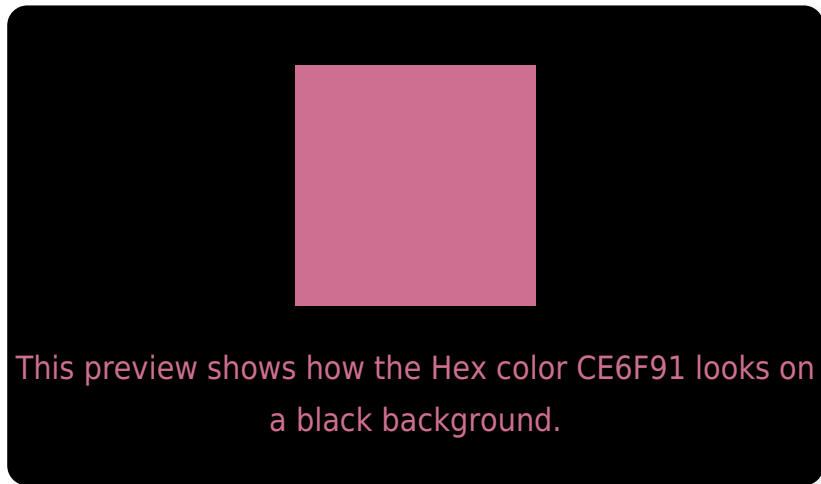
Large Text (above 18pt) WCAG AA ✓ Pass

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 CE6F91 Background



This preview shows how black text looks on a background with the Hex color CE6F91.



This preview shows how white text looks on a background with the Hex color CE6F91.

# 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**  
CE6F91



**Protanomaly**  
A2819C



**Deuteranomaly**  
AE808E

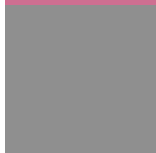


**Tritanomaly**  
CD7283

# Monochromacy



**Original Color**  
CE6F91



**Achromatopsia**  
8F8F8F



**Achromatomaly**  
A68390

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CE6F91 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 #CE6F91 looks like.

```
.text, #text, p{  
    color:#CE6F91  
}
```

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 #CE6F91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE6F91
}
```

## Border

The CSS property to change the border of an element to Hex CE6F91 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
#CE6F91 }
```

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

```
.border{ border-color:#CE6F91 }
```

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

Here you see how a box with a 4 pixel #CE6F91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE6F91; -webkit-box-shadow:4px 4px  
4px 4px #CE6F91; box-shadow:4px 4px 4px  
4px #CE6F91 }
```

# Background

The CSS property to change the background color of an element to Hex CE6F91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE6F91 }
```

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

```
.background{ background-color:#CE6F91 }
```

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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