

# Converting Colors

Hex(CE5978)

Have a look what the booklet for  
Hex(CE5978) contains.

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# Color

**Hex(CE5978)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CE5978
RGB	206, 89, 120
RGB Percent	81%, 35%, 47%
CMY	0.1922, 0.6510, 0.5294
CMYK	0.00, 0.57, 0.42, 0.19
HSL	344°, 54%, 58%
HSV	344°, 57%, 81%
XYZ	32.4161, 21.6226, 20.2344
YIQ	127.5170, 59.7810, 34.4450

# Conversions

## Conversions Part 2

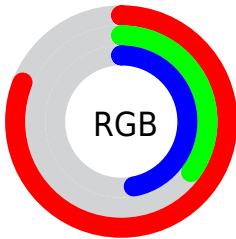
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	206, 89, 120
Decimal	13523320
CIE Lab	53.62, 49.23, 5.91
CIE LCh	54, 49.586, 6.845
Yxy	21.6226, 0.4364, 0.2911
Android (android.graphics.Color)	4291713400 (0xFFCE5978)
YUV	127.5170, -3.7059, 68.8296
Hunter-Lab	46.5001, 43.0605, 6.7503

# Details

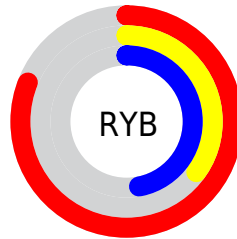
The Hex color **CE5978** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **59CEAF**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF8FAC**, and **942148** is the 20% darker color. If you saturate the color by 10%, you get **CE4469**, and if you desaturate by 10%, it is **CE6E87**.

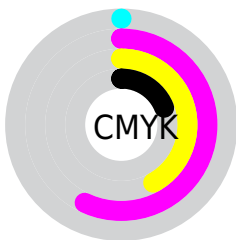
# Distribution



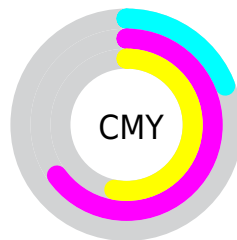
- Red (81%)
- Green (35%)
- Blue (47%)



- Red (81%)
- Yellow (35%)
- Blue (47%)



- Cyan (0%)
- Magenta (57%)
- Yellow (42%)
- Black (19%)



- Cyan (19%)
- Magenta (65%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CE5978 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 CE5978 by changing the saturation by 10% instead.



 CE5978

 CE5978

FFFFFF

 B13E5F

 FF8FAC

 942148

 FFABC7

 770032

 FFC7E3

 5B001D

 FFE4FF

 410001

 230001

 000000

 CE5978

 CE5978

 CE4469

 CE6E87

 CE305A

 CE8296

 CE1B4B

 CE97A5

 CE073B

 CEABB5

 CE0037

 CEC0C4

 CED5D3

 CEE9E2

 CEFEF1

 CEFFFF

# Harmonies

## Analogous

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



BC60A3



CE5978



C9614F

# Triad

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



CE5978



618C38



008ECE

# Complementary

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



CE5978



59CEAF

# 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.



0094B2



CE5978



0F935D

# Square

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



CE5978



8E8124



009589



3C82D5

# Rectangle

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



CE5978



BB6C39



009589



0090C7



# Sweetspot

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



CE5978



FFD4DF



AF59CE



80666D



000000



808080



# Same Dimension

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



CE5978



FF5280



CE7459



665C5F



A6002C



26000A



# Inverse Universe

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



CE5978



FF5280



59B3CE



665C5F



A6002C



26000A



# Previews

## White Background



This preview shows how the Hex color CE5978 looks on a white background.

## Color Contrast Check

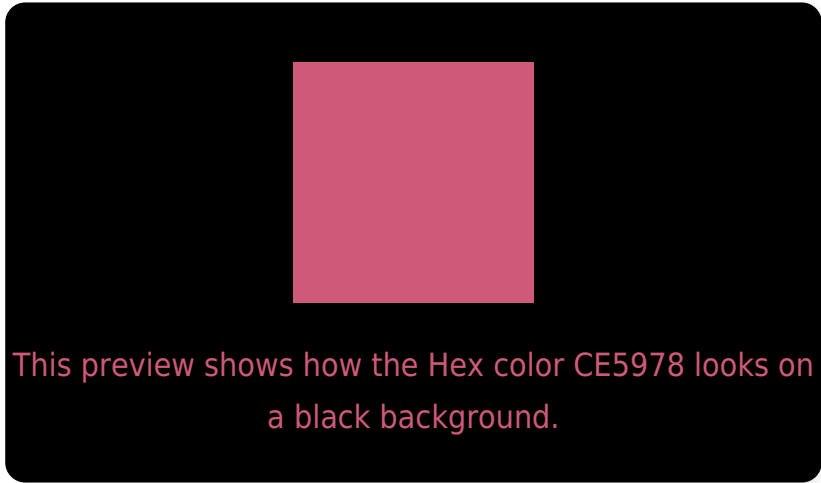
Large Text (above 18pt) WCAG AA ✓ Pass

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 CE5978 Background



This preview shows how black text looks on a background with the Hex color CE5978.



This preview shows how white text looks on a background with the Hex color CE5978.

# 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



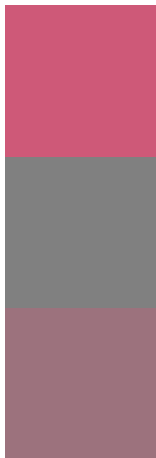
**Original Color**  
CE5978

**Protanomaly**  
9C7286

**Deuteranomaly**  
A86F75

**Tritanomaly**  
CD5C6B

# Monochromacy



**Original Color**  
CE5978

**Achromatopsia**  
808080

**Achromatomaly**  
9C727D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CE5978 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 #CE5978 looks like.

```
.text, #text, p{  
    color:#CE5978  
}
```

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 #CE5978 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE5978
}
```

## Border

The CSS property to change the border of an element to Hex CE5978 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
#CE5978 }
```

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

```
.border{ border-color:#CE5978 }
```

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

Here you see how a box with a 4 pixel #CE5978 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE5978; -webkit-box-shadow:4px 4px  
4px 4px #CE5978; box-shadow:4px 4px 4px  
4px #CE5978 }
```

# Background

The CSS property to change the background color of an element to Hex CE5978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE5978 }
```

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

```
.background{ background-color:#CE5978 }
```

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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