

Converting Colors

Hex(CE5B77)

Have a look what the booklet for
Hex(CE5B77) contains.

Hex(CE5B77)	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(CE5B77)

Conversions

Conversions Part 1

Format	Color
Hex	CE5B77
RGB	206, 91, 119
RGB Percent	81%, 36%, 47%
CMY	0.1922, 0.6431, 0.5333
CMYK	0.00, 0.56, 0.42, 0.19
HSL	345°, 54%, 58%
HSV	345°, 56%, 81%
XYZ	32.5245, 21.9359, 19.9726
YIQ	128.5770, 59.5520, 33.0880

Conversions

Conversions Part 2

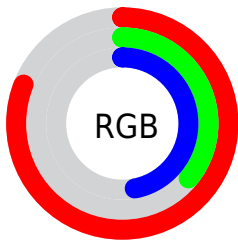
Format	Color
R_{YB}	206, 91, 119
Decimal	13523831
CIE _{Lab}	53.96, 48.18, 6.98
CIE _{LCh}	54, 48.682, 8.245
Yxy	21.9359, 0.4370, 0.2947
Android (android.graphics.Color)	4291713911 (0xFFCE5B77)
YUV	128.5770, -4.7215, 67.9000
Hunter-Lab	46.8358, 41.9943, 7.5015

Details

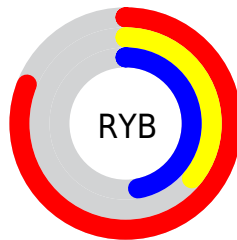
The Hex color **CE5B77** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **5BCEB2**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FF91AB**, and **942447** is the 20% darker color. If you saturate the color by 10%, you get **CE4667**, and if you desaturate by 10%, it is **CE7087**.

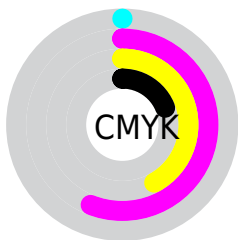
Distribution



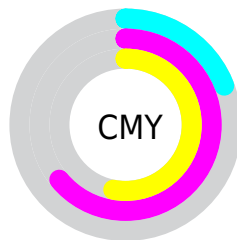
- Red (81%)
- Green (36%)
- Blue (47%)



- Red (81%)
- Yellow (36%)
- Blue (47%)



- Cyan (0%)
- Magenta (56%)
- Yellow (42%)
- Black (19%)



- Cyan (19%)
- Magenta (64%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color CE5B77 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 CE5B77 by changing the saturation by 10% instead.

 CE5B77

 CE5B77

FFFFFF

 B1405E

 FF91AB

 942447

 FFADC6

 770031

 FFC9E2

 5B001C

 FFE6FF

 410000

 240001

 000000

 CE5B77

 CE5B77

 CE4667

 CE7087

 CE3258

 CE8496

 CE1D48

 CE99A6

 CE0939

 CEADB5

 CE0032

 CEC2C5

 CED7D5

 CEEBE4

 CEFFF4

 CEFFFF

Harmonies

Analogous

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



BD61A1



CE5B77



C8644F

Triad

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



CE5B77



608D3B



008ECF

Complementary

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



CE5B77



5BCEB2

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.



0094B4



CE5B77



0E9360

Square

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



CE5B77



8D8328



00968C



4582D4

Rectangle

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



CE5B77



BA6E3A



00968C



0090C8

Sweetspot

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



CE5B77



FFD4DE



B15BCE



80666C



000000



808080

Same Dimension

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



CE5B77



FF547E



CE785B



665C5E



A60028



260009

Inverse Universe

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



CE5B77



FF547E



5BB1CE



665C5E



A60028



260009

Previews

White Background



This preview shows how the Hex color CE5B77 looks on a white background.

Color Contrast Check

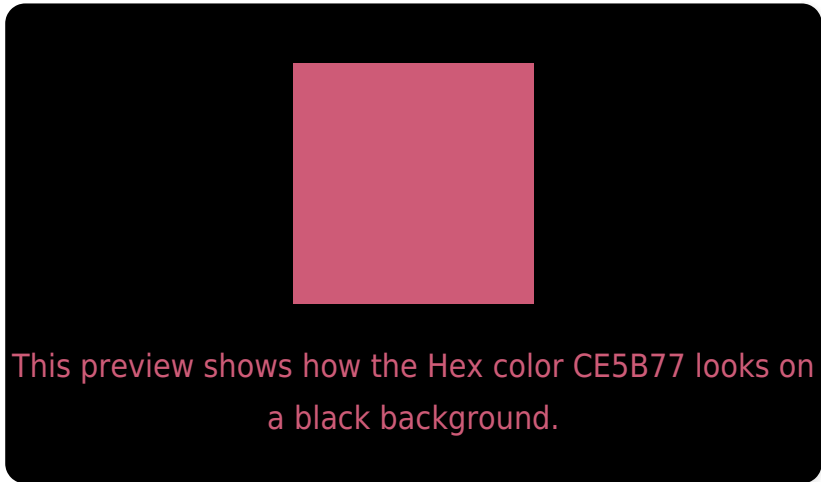
Large Text (above 18pt) WCAG AA ✓ Pass

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

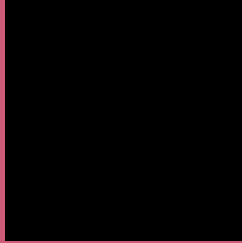
Any Text WCAG AA ✓ Pass

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 CE5B77 Background



This preview shows how black text looks on a background with the Hex color CE5B77.



This preview shows how white text looks on a background with the Hex color CE5B77.

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



Original Color
CE5B77

Protanopia
81818C

Deuteranopia
947D72



Tritanopia
CD5E65

Trichromacy



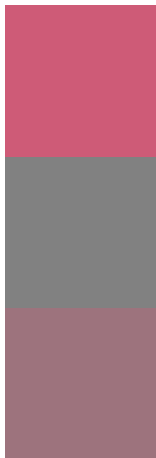
Original Color
CE5B77

Protanomaly
9D7384

Deuteranomaly
A97174

Tritanomaly
CD5D6C

Monochromacy



Original Color
CE5B77

Achromatopsia
818181

Achromatomaly
9D737D

CSS Examples

Text

The CSS property to change the color of the text to Hex CE5B77 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 #CE5B77 looks like.

```
.text, #text, p{  
    color:#CE5B77  
}
```

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 #CE5B77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE5B77  
}
```

Border

The CSS property to change the border of an element to Hex CE5B77 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  
#CE5B77 }
```

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

```
.border{ border-color:#CE5B77 }
```

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

Here you see how a box with a 4 pixel #CE5B77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE5B77; -webkit-box-shadow:4px 4px  
4px 4px #CE5B77; box-shadow:4px 4px 4px  
4px #CE5B77 }
```

Background

The CSS property to change the background color of an element to Hex CE5B77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE5B77 }
```

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

```
.background{ background-color:#CE5B77 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor