

Converting Colors

Hex(CE3E77)

Have a look what the booklet for
Hex(CE3E77) contains.

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Color

Hex(CE3E77)

Conversions

Conversions Part 1

Format	Color
Hex	CE3E77
RGB	206, 62, 119
RGB Percent	81%, 24%, 47%
CMY	0.1922, 0.7569, 0.5333
CMYK	0.00, 0.70, 0.42, 0.19
HSL	336°, 60%, 53%
HSV	336°, 70%, 81%
XYZ	30.5060, 17.8990, 19.2998
YIQ	111.5540, 67.5270, 48.2550

Conversions

Conversions Part 2

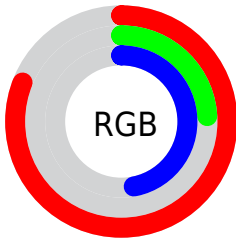
Format	Color
R_{YB}	206, 62, 119
Decimal	13516407
CIE _{Lab}	49.37, 60.55, 0.37
CIE _{LCh}	49, 60.555, 0.346
Yxy	17.8990, 0.4506, 0.2644
Android (android.graphics.Color)	4291706487 (0xFFCE3E77)
YUV	111.5540, 3.6709, 82.8291
Hunter-Lab	42.3072, 54.6716, 2.5680

Details

The Hex color **CE3E77** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **3ECE95**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF77AB**, and **930047** is the 20% darker color. If you saturate the color by 10%, you get **CE296B**, and if you desaturate by 10%, it is **CE5383**.

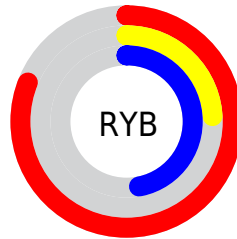
Distribution



Red (81%)

Green (24%)

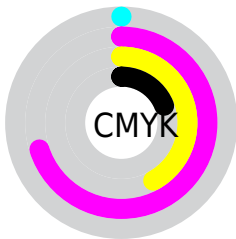
Blue (47%)



Red (81%)

Yellow (24%)

Blue (47%)

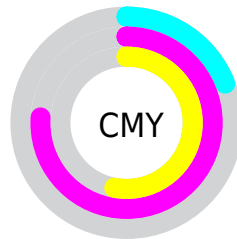


Cyan (0%)

Magenta (70%)

Yellow (42%)

Black (19%)



Cyan (19%)

Magenta (76%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color CE3E77 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 CE3E77 by changing the saturation by 10% instead.

 CE3E77

 CE3E77

FFFFFF

 B01C5E

 FF77AB

 930047

 FF94C6

 750031

 FFB0E2

 59001C

 FFCDFD

 3F0003

 FFEAFF

 1C0001

 000000

 CE3E77

 CE3E77

 CE296B

 CE5383

 CE155E

 CE6790

 CE0052

 CE7C9C

 CE90A9

 CEA5B5

 CEBAC2

 CECECE

 CEE3DB

 CEF7E7

Harmonies

Analogous

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



B34EA9



CE3E77



CC4845

Triad

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



CE3E77



598107



0087CE

Complementary

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



CE3E77



3ECE95

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.



008CA8



CE3E77



00893F

Square

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



CE3E77



8D7300



008C74



007BDD

Rectangle

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



CE3E77



BE5726



008C74



008AC4

Sweetspot

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



CE3E77



FFC9DF



943ECE



80606C



000000



808080

Same Dimension

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



CE3E77



FF297E



CE4C3E



665C60



A60042



26000F

Inverse Universe

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



CE3E77



FF297E



3EC0CE



665C60



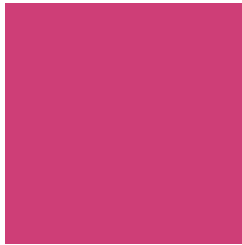
A60042



26000F

Previews

White Background



This preview shows how the Hex color CE3E77 looks on a white background.

Color Contrast Check

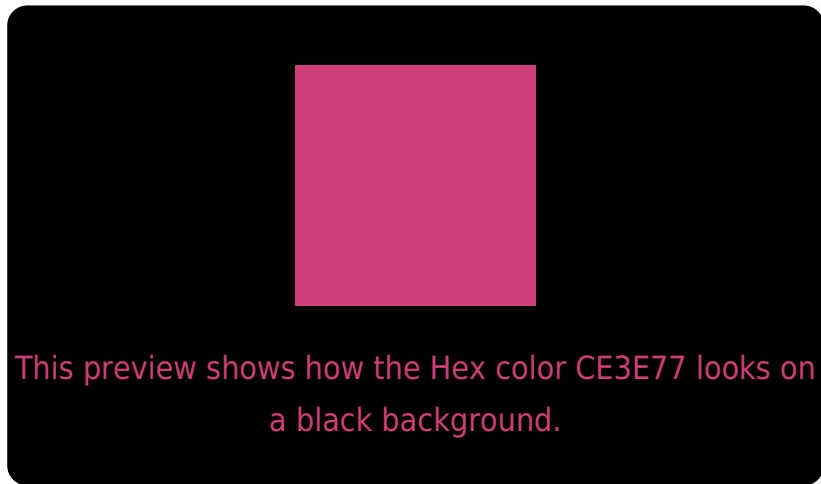
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 CE3E77 Background



This preview shows how black text looks on a background with the Hex color CE3E77.



This preview shows how white text looks on a background with the Hex color CE3E77.

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

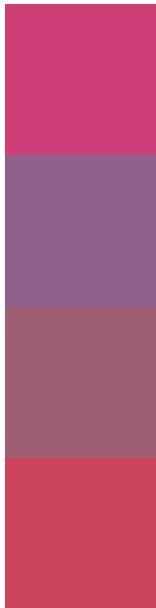


Original Color
CE3E77

Protanopia
6D7598

Deuteranopia
847270

Trichromacy



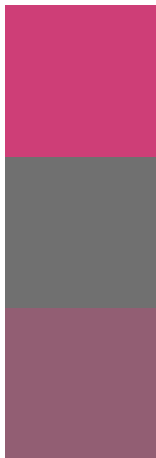
Original Color
CE3E77

Protanomaly
90618C

Deuteranomaly
9F5F73

Tritanomaly
CC445C

Monochromacy



Original Color
CE3E77

Achromatopsia
707070

Achromatomaly
925E73

CSS Examples

Text

The CSS property to change the color of the text to Hex CE3E77 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 #CE3E77 looks like.

```
.text, #text, p{  
    color:#CE3E77  
}
```

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 #CE3E77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE3E77
}
```

Border

The CSS property to change the border of an element to Hex CE3E77 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
#CE3E77 }
```

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

```
.border{ border-color:#CE3E77 }
```

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

Here you see how a box with a 4 pixel #CE3E77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE3E77; -webkit-box-shadow:4px 4px  
4px 4px #CE3E77; box-shadow:4px 4px 4px  
4px #CE3E77 }
```

Background

The CSS property to change the background color of an element to Hex CE3E77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE3E77 }
```

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

```
.background{ background-color:#CE3E77 }
```

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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