

Converting Colors

Hex(CE4D67)

Have a look what the booklet for
Hex(CE4D67) contains.

Hex(CE4D67) 3

Conversions 4

Details 6

Harmonies 11

Previews 23

Color Blindness Simulation 26

CSS Examples 29

Color

Hex(CE4D67)

Conversions

Conversions Part 1	
Format	Color
Hex	CE4D67
RGB	206, 77, 103
RGB Percent	81%, 30%, 40%
CMY	0.1922, 0.6980, 0.5961
CMYK	0.00, 0.63, 0.50, 0.19
HSL	348°, 57%, 55%
HSV	348°, 63%, 81%
XYZ	30.5557, 19.4088, 14.9678
YIQ	118.5350, 68.5380, 35.4340

Conversions

Conversions Part 2

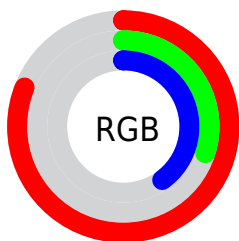
Format	Color
RYB	206, 77, 103
Decimal	13520231
CIELab	51.16, 53.03, 12.58
CIELCh	51, 54.501, 13.342
Yxy	19.4088, 0.4706, 0.2989
Android (android.graphics.Color)	4291710311 (0xFFCE4D67)
YUV	118.5350, -7.6588, 76.7068
Hunter-Lab	44.0555, 46.7056, 10.6951

Details

The Hex color **CE4D67** 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 **4DCEB4**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **FF849A**, and **920C38** is the 20% darker color. If you saturate the color by 10%, you get **CE3857**, and if you desaturate by 10%, it is **CE6277**.

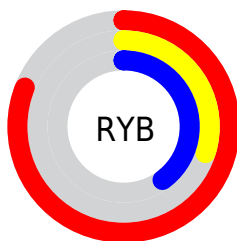
Distribution



Red (81%)

Green (30%)

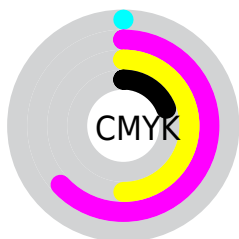
Blue (40%)



Red (81%)

Yellow (30%)

Blue (40%)

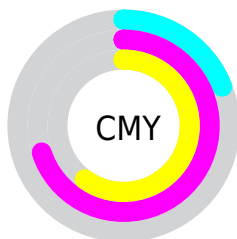


Cyan (0%)

Magenta (63%)

Yellow (50%)

Black (19%)



Cyan (19%)

Magenta (70%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color CE4D67 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 CE4D67 by changing the saturation by 10% instead.

 CE4D67

FFFFFF

 FF849A

 FFA0B5

 FFBCD0

 FFD9EC

 FFF6FF

 CE4D67

 B0314F

 920C38

 750023

 59000E

 3E0002

 1C0001

 000000

 CE4D67

 CE3857

 CE4D67

 CE6277

 CE2446

 CE7688

 CE0F36

 CE8B98

 CE002A

 CE9FA9

 CEB4B9

 CEC9CA

 CEDDDA

 CEF2EB

 CEFFFB

Harmonies

Analogous

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



C15196



CE4D67



C35B3C

Triad

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



CE4D67



498931



0086D3

Complementary

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



CE4D67



4DCEB4

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.



008EB9



CE4D67



008E5D

Square

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



CE4D67



7E7E0F



00908E



4278D5

Rectangle

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



CE4D67



B26823



00908E



0089CD

Sweetspot

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



CE4D67



FFCFD8



B24DCE



806268



000000



808080

Same Dimension

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



CE4D67



FF4066



CE724D



665C5E



A60021



260008

Inverse Universe

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



CE4D67



FF4066



4DA9CE



665C5E



A60021



260008

Previews

White Background



This preview shows how the Hex color CE4D67 looks on a white background.

Color Contrast Check

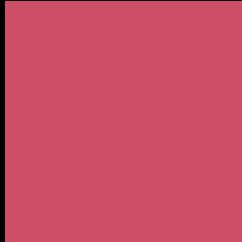
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color CE4D67 looks on a 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 CE4D67 Background



This preview shows how black text looks on a background with the Hex color CE4D67.



This preview shows how white text looks on a background with the Hex color CE4D67.

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
CE4D67

Protanopia
7B7A7E

Deuteranopia
8F7661

Trichromacy

	Original Color CE4D67
	Protanomaly 996A76
	Deuteranomaly A66763
	Tritanomaly CD4F5C

Monochromacy

	Original Color CE4D67
	Achromatopsia 777777
	Achromatomaly 976871

CSS Examples

Text

The CSS property to change the color of the text to Hex CE4D67 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 #CE4D67 looks like.

```
.text, #text, p{  
    color:#CE4D67  
}
```

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 #CE4D67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE4D67
}
```

Border

The CSS property to change the border of an element to Hex CE4D67 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
#CE4D67 }
```

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

```
.border{ border-color:#CE4D67 }
```

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

Here you see how a box with a 4 pixel #CE4D67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE4D67; -webkit-box-shadow:4px 4px  
4px 4px #CE4D67; box-shadow:4px 4px 4px  
4px #CE4D67 }
```

Background

The CSS property to change the background color of an element to Hex CE4D67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE4D67 }
```

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

```
.background{ background-color:#CE4D67 }
```

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