

Converting Colors

Hex(CE4467)

Have a look what the booklet for
Hex(CE4467) contains.

Hex(CE4467)	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(CE4467)

Conversions

Conversions Part 1

Format	Color
Hex	CE4467
RGB	206, 68, 103
RGB Percent	81%, 27%, 40%
CMY	0.1922, 0.7333, 0.5961
CMYK	0.00, 0.67, 0.50, 0.19
HSL	345°, 58%, 54%
HSV	345°, 67%, 81%
XYZ	29.9689, 18.2353, 14.7722
YIQ	113.2520, 71.0130, 40.1410

Conversions

Conversions Part 2

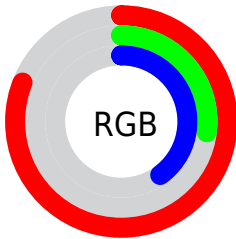
Format	Color
R_{YB}	206, 68, 103
Decimal	13517927
CIE Lab	49.78, 56.78, 10.65
CIE LCh	50, 57.768, 10.620
Yxy	18.2353, 0.4759, 0.2896
Android (android.graphics.Color)	4291708007 (0xFFCE4467)
YUV	113.2520, -5.0542, 81.3400
Hunter-Lab	42.7028, 50.5415, 9.3818

Details

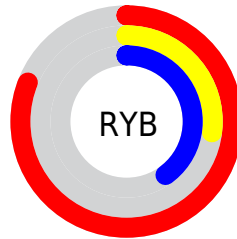
The Hex color **CE4467** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **44CEAB**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **FF7C9A**, and **920038** is the 20% darker color. If you saturate the color by 10%, you get **CE2F58**, and if you desaturate by 10%, it is **CE5976**.

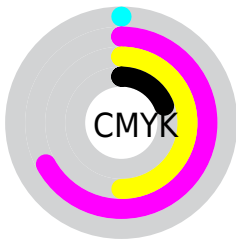
Distribution



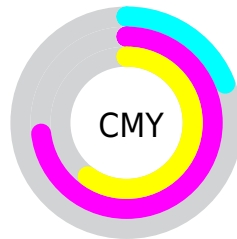
- Red (81%)
- Green (27%)
- Blue (40%)



- Red (81%)
- Yellow (27%)
- Blue (40%)



- Cyan (0%)
- Magenta (67%)
- Yellow (50%)
- Black (19%)



- Cyan (19%)
- Magenta (73%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color CE4467 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 CE4467 by changing the saturation by 10% instead.

 CE4467

 CE4467

FFFFFF

 B0254F

 FF7C9A

 920038

 FF98B5

 750023

 FFB4D0

 58000E

 FFD1EC

 3E0003

 FFEEFF

 1A0001

 000000

 CE4467

 CE4467

 CE2F58

 CE5976

 CE1B48

 CE6D86

 CE0639

 CE8295

 CE0034

 CE96A5

 CEABB4

 CEC0C3

 CED4D3

 CEE9E2

 CEFDF1

Harmonies

Analogous

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



BE4B98



CE4467



C45339

Triad

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



CE4467



478524



0085D3

Complementary

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



CE4467



44CEAB

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.



008BB5



CE4467



008B54

Square

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



CE4467



7E7A00



008D87



1D76D7

Rectangle

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



CE4467



B3611C



008D87



0088CC

Sweetspot

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



CE4467



FFCCD9



A944CE



806169



000000



808080

Same Dimension

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



CE4467



FF3367



CE6444



665C5E



A6002A



26000A

Inverse Universe

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



CE4467



FF3367



44AECE



665C5E



A6002A



26000A

Previews

White Background



This preview shows how the Hex color CE4467 looks on a white background.

Color Contrast Check

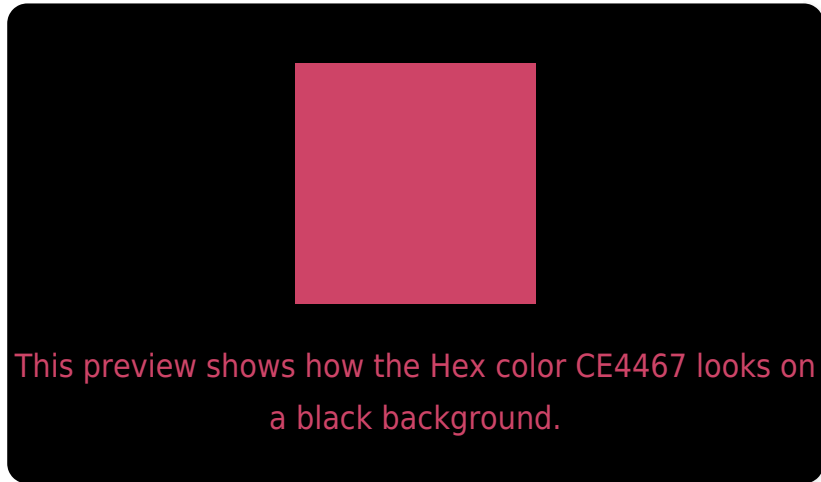
Large Text (above 18pt) WCAG AA ✓ Pass

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 CE4467 Background



This preview shows how black text looks on a background with the Hex color CE4467.

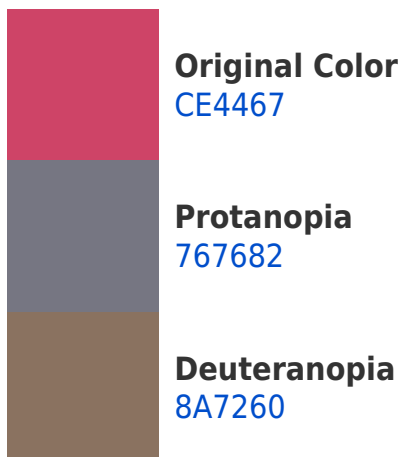


This preview shows how white text looks on a background with the Hex color CE4467.

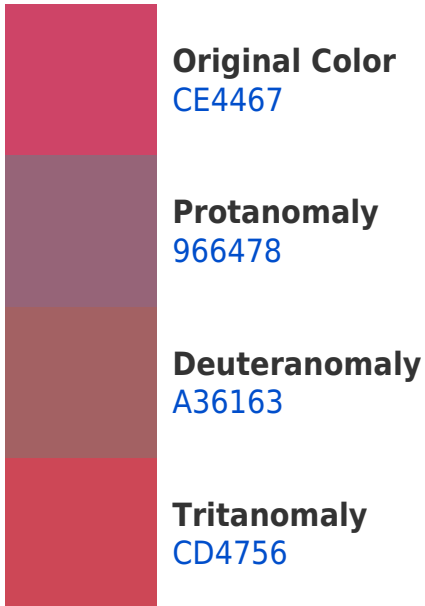
Color Blindness Simulation

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](#).

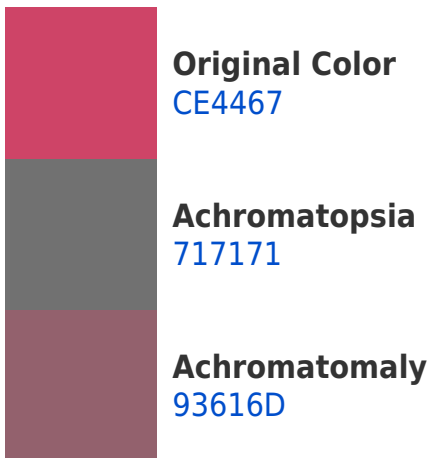
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CE4467 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 #CE4467 looks like.

```
.text, #text, p{  
  color:#CE4467  
}
```

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 #CE4467 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE4467
}
```

Border

The CSS property to change the border of an element to Hex CE4467 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
#CE4467 }
```

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

```
.border{ border-color:#CE4467 }
```

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

Here you see how a box with a 4 pixel #CE4467 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE4467; -webkit-box-shadow:4px 4px  
4px 4px #CE4467; box-shadow:4px 4px 4px  
4px #CE4467 }
```

Background

The CSS property to change the background color of an element to Hex CE4467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE4467 }
```

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

```
.background{ background-color:#CE4467 }
```

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