

# Converting Colors

Hex(CE4563)

Have a look what the booklet for  
Hex(CE4563) contains.

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# Color

**Hex(CE4563)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CE4563
RGB	206, 69, 99
RGB Percent	81%, 27%, 39%
CMY	0.1922, 0.7294, 0.6118
CMYK	0.00, 0.67, 0.52, 0.19
HSL	347°, 58%, 54%
HSV	347°, 67%, 81%
XYZ	29.8339, 18.2789, 13.7601
YIQ	113.3830, 72.0220, 38.3740

# Conversions

## Conversions Part 2

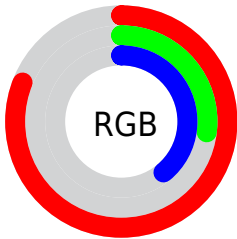
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	206, 69, 99
Decimal	13518179
CIE <sub>Lab</sub>	49.83, 56.04, 13.14
CIE <sub>LCh</sub>	50, 57.561, 13.195
Yxy	18.2789, 0.4822, 0.2954
Android (android.graphics.Color)	4291708259 (0xFFCE4563)
YUV	113.3830, -7.0908, 81.2251
Hunter-Lab	42.7538, 49.7390, 10.8454

# Details

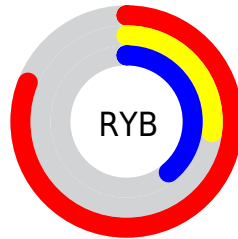
The Hex color **CE4563** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **45CEB0**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **FF7D96**, and **920035** is the 20% darker color. If you saturate the color by 10%, you get **CE3053**, and if you desaturate by 10%, it is **CE5A73**.

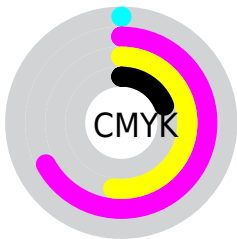
# Distribution



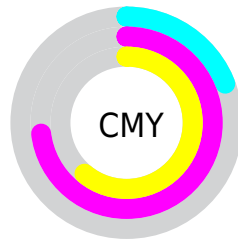
- Red (81%)
- Green (27%)
- Blue (39%)



- Red (81%)
- Yellow (27%)
- Blue (39%)



- Cyan (0%)
- Magenta (67%)
- Yellow (52%)
- Black (19%)



- Cyan (19%)
- Magenta (73%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CE4563 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 CE4563 by changing the saturation by 10% instead.



 CE4563

 CE4563

FFFFFF

 B0274B

 FF7D96

 920035

 FF99B0

 750020

 FFB5CB

 580008

 FFD2E8

 3D0003

 FFEFFF

 190001

 000000

 CE4563

 CE4563

 CE3053

 CE5A73

 CE1C43

 CE6E83

 CE0733

 CE8393

 CE002D

 CE97A3

 CEACB3

 CEC1C4

 CED5D4

 CEEAE4

 CEFEF4

# Harmonies

## Analogous

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



C04A94



CE4563



C35535

# Triad

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



CE4563



428628



0084D4

# Complementary

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



CE4563



45CEB0

# 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.



008BB9



CE4563



008B58

# Square

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



CE4563



7A7B00



008D8B



3375D6

# Rectangle

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



CE4563



B06319



008D8B



0087CE



# Sweetspot

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



CE4563



FFCCD7



AE45CE



806168



000000



808080



# Same Dimension

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



CE4563



FF3360



CE6A45



665C5E



A60024



260008



# Inverse Universe

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



CE4563



FF3360



45A9CE



665C5E



A60024

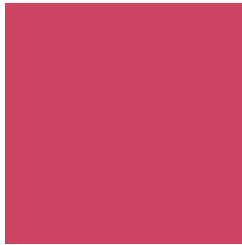


260008



# Previews

## White Background



This preview shows how the Hex color CE4563 looks on a white background.

## Color Contrast Check

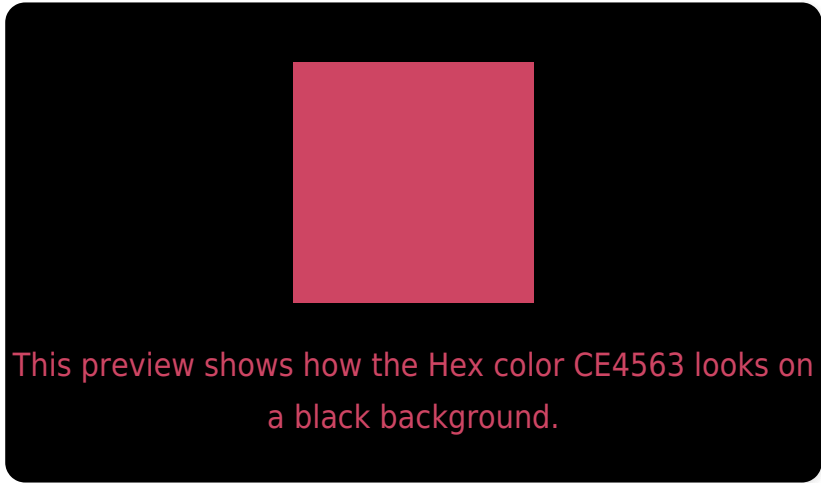
Large Text (above 18pt) WCAG AA ✓ Pass

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

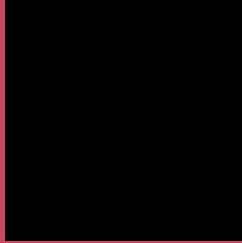
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CE4563 Background



This preview shows how black text looks on a background with the Hex color CE4563.



This preview shows how white text looks on a background with the Hex color CE4563.

# 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



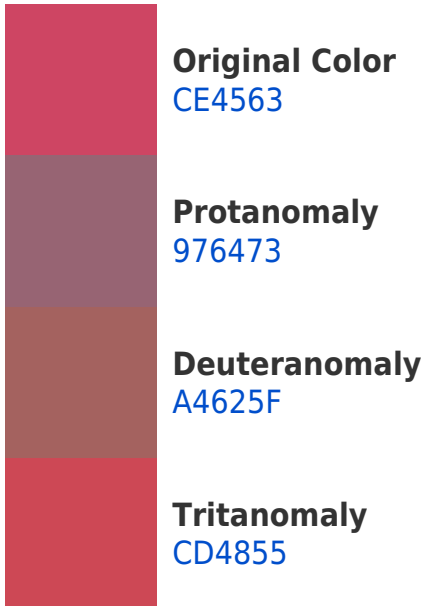
**Original Color**  
CE4563

**Protanopia**  
78767C

**Deuteranopia**  
8C725C



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CE4563 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 #CE4563 looks like.

```
.text, #text, p{  
    color:#CE4563  
}
```

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 #CE4563 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE4563
}
```

## Border

The CSS property to change the border of an element to Hex CE4563 is called "border". The border property can be set on classes, ids or directly on the HTML element.

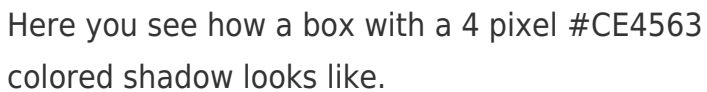
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CE4563 }
```

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

```
.border{ border-color:#CE4563 }
```

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



Here you see how a box with a 4 pixel `#CE4563` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE4563; -webkit-box-shadow:4px 4px  
4px 4px #CE4563; box-shadow:4px 4px 4px  
4px #CE4563 }
```

# Background

The CSS property to change the background color of an element to Hex CE4563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE4563 }
```

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

```
.background{ background-color:#CE4563 }
```

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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