

# Converting Colors

Hex(CA4E4C)

Have a look what the booklet for  
Hex(CA4E4C) contains.

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**Color**

**Hex(CA4E4C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CA4E4C
RGB	202, 78, 76
RGB Percent	79%, 31%, 30%
CMY	0.2078, 0.6941, 0.7020
CMYK	0.00, 0.61, 0.62, 0.21
HSL	1°, 54%, 55%
HSV	1°, 62%, 79%
XYZ	28.3860, 18.5271, 8.9175
YIQ	114.8480, 74.5460, 25.6660

# Conversions

## Conversions Part 2

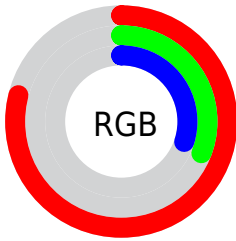
<b>Format</b>	<b>Color</b>
<b>RYB</b>	202, 78, 76
Decimal	13258316
CIELab	50.13, 49.17, 27.16
CIElCh	50, 56.177, 28.915
Yxy	18.5271, 0.5084, 0.3318
Android (android.graphics.Color)	4291448396 (0xFFCA4E4C)
YUV	114.8480, -19.1521, 76.4323
Hunter-Lab	43.0432, 42.3913, 17.8468

# Details

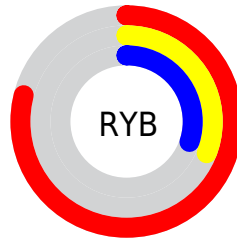
The Hex color **CA4E4C** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **4CC8CA**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF847D**, and **8E1320** is the 20% darker color. If you saturate the color by 10%, you get **CA3A38**, and if you desaturate by 10%, it is **CA6260**.

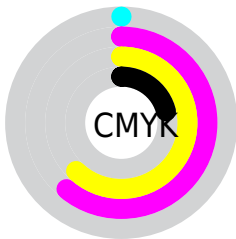
# Distribution



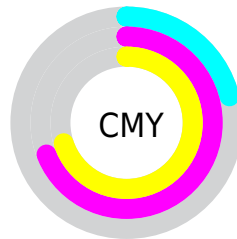
- Red (79%)
- Green (31%)
- Blue (30%)



- Red (79%)
- Yellow (31%)
- Blue (30%)



- Cyan (0%)
- Magenta (61%)
- Yellow (62%)
- Black (21%)



- Cyan (21%)
- Magenta (69%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CA4E4C 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 CA4E4C by changing the saturation by 10% instead.



 CA4E4C

 CA4E4C

FFFFFF

 AC3335

 FF847D

 8E1320

 FF9F97

 70000A

 FFBBB2

 530000

 FFD8CD

 390002

 FFF5E9

 100000

 000000

 CA4E4C

 CA4E4C

 CA3A38

 CA6260

CA2624

CA7674

CA120F

CA8A89

CA0300

CA9E9D

CAB1B1

CAC5C5

CAD9D9

CAEDEE

CAFFFF

# Harmonies

## Analogous

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



CA477B



CA4E4C



B46223

# Triad

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



CA4E4C



048A43



007DD7

# Complementary

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



CA4E4C



4CC8CA

# 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.



0088C9



CA4E4C



008D74

# Square

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



CA4E4C



618217



008DA4



736BCB

# Rectangle

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



CA4E4C



9D6F08



008DA4



0082D5



# Sweetspot

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



CA4E4C



FFCFCF



CA4CCA



806362



000000



808080



# Same Dimension

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



CA4E4C



FF4340



CA8B4C



665C5C



A60300



260100



# Inverse Universe

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



4CC8CA



40FCFF



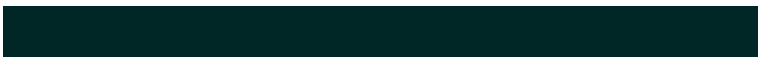
4C8BCA



5C6666



00A3A6



002626



# Previews

## White Background



This preview shows how the Hex color CA4E4C looks on a white background.

## Color Contrast Check

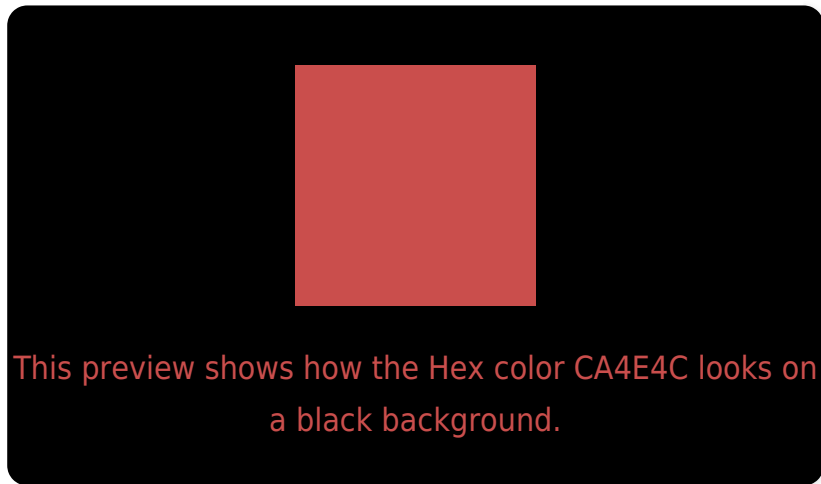
Large Text (above 18pt) WCAG AA ✓ Pass

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 CA4E4C Background



This preview shows how black text looks on a background with the Hex color CA4E4C.



This preview shows how white text looks on a background with the Hex color CA4E4C.

# 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



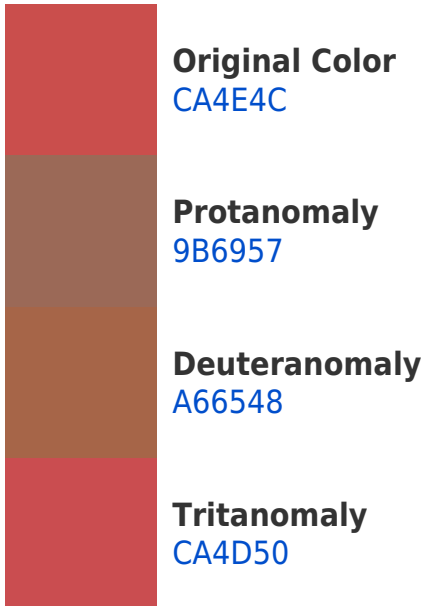
**Original Color**  
CA4E4C

**Protanopia**  
80785D

**Deuteranopia**  
927246



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CA4E4C 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 #CA4E4C looks like.

```
.text, #text, p{  
    color:#CA4E4C  
}
```

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 #CA4E4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA4E4C
}
```

## Border

The CSS property to change the border of an element to Hex CA4E4C is called "border". The border property can be set on classes, ids or directly on the HTML element.

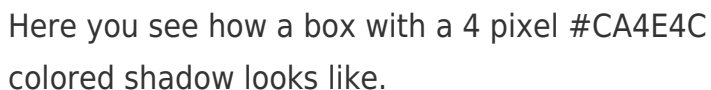
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CA4E4C }
```

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

```
.border{ border-color:#CA4E4C }
```

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



Here you see how a box with a 4 pixel `#CA4E4C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA4E4C; -webkit-box-shadow:4px 4px  
4px 4px #CA4E4C; box-shadow:4px 4px 4px  
4px #CA4E4C }
```

# Background

The CSS property to change the background color of an element to Hex CA4E4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA4E4C }
```

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

```
.background{ background-color:#CA4E4C }
```

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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