

# Converting Colors

Hex(CB4A5C)

Have a look what the booklet for  
Hex(CB4A5C) contains.

<b>Hex(CB4A5C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(CB4A5C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB4A5C
RGB	203, 74, 92
RGB Percent	80%, 29%, 36%
CMY	0.2039, 0.7098, 0.6392
CMYK	0.00, 0.64, 0.55, 0.20
HSL	352°, 55%, 54%
HSV	352°, 64%, 80%
XYZ	29.0091, 18.3668, 12.1414
YIQ	114.6230, 71.1060, 32.9460

# Conversions

## Conversions Part 2

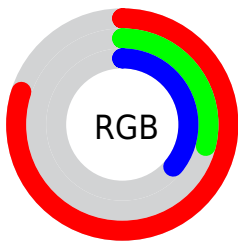
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 74, 92
Decimal	13322844
CIE <sub>Lab</sub>	49.94, 52.43, 17.42
CIE <sub>LCh</sub>	50, 55.246, 18.382
Yxy	18.3668, 0.4874, 0.3086
Android (android.graphics.Color)	4291512924 (0xFFCB4A5C)
YUV	114.6230, -11.1531, 77.5066
Hunter-Lab	42.8565, 45.8261, 13.2024

# Details

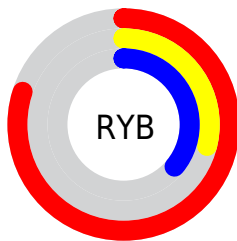
The Hex color **CB4A5C** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **4ACBB9**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF818E**, and **8F072F** is the 20% darker color. If you saturate the color by 10%, you get **CB364B**, and if you desaturate by 10%, it is **CB5E6D**.

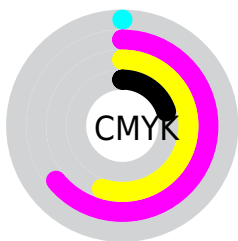
# Distribution



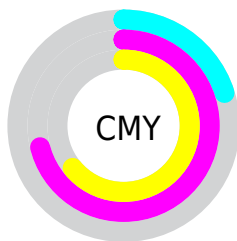
- Red (80%)
- Green (29%)
- Blue (36%)



- Red (80%)
- Yellow (29%)
- Blue (36%)



- Cyan (0%)
- Magenta (64%)
- Yellow (55%)
- Black (20%)



- Cyan (20%)
- Magenta (71%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB4A5C 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 CB4A5C by changing the saturation by 10% instead.



 CB4A5C

 CB4A5C

FFFFFF

 AD2E45

 FF818E

 8F072F

 FF9CA8

 72001A

 FFB9C4

 560000

 FFD5E0

 3B0002

 FFF2FC

 140000

 000000

 CB4A5C

 CB4A5C

 CB364B

 CB5E6D

 CB2139

 CB737F

 CB0D28

 CB8790

 CB001C

 CB9BA2

 CBB0B3

 CBC4C5

 CBD8D6

 CBECE8

 CBFFF9

# Harmonies

## Analogous

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



C24B8B



CB4A5C



BD5A31

# Triad

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



CB4A5C



388734



0081D3

# Complementary

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



CB4A5C



4ACBB9

# 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.



008ABC



CB4A5C



008C62

# Square

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



CB4A5C



737D0C



008D93



5172D0

# Rectangle

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



CB4A5C



A96818



008D93



0085CE



# Sweetspot

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



CB4A5C



FFCFD5



B84ACB



806266



000000



808080



# Same Dimension

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



CB4A5C



FF3D58



CB774A



665C5D



A60017



260005



# Inverse Universe

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



CB4A5C



FF3D58



4A9ECB



665C5D



A60017



260005



# Previews

## White Background



This preview shows how the Hex color CB4A5C looks on a white background.

## Color Contrast Check

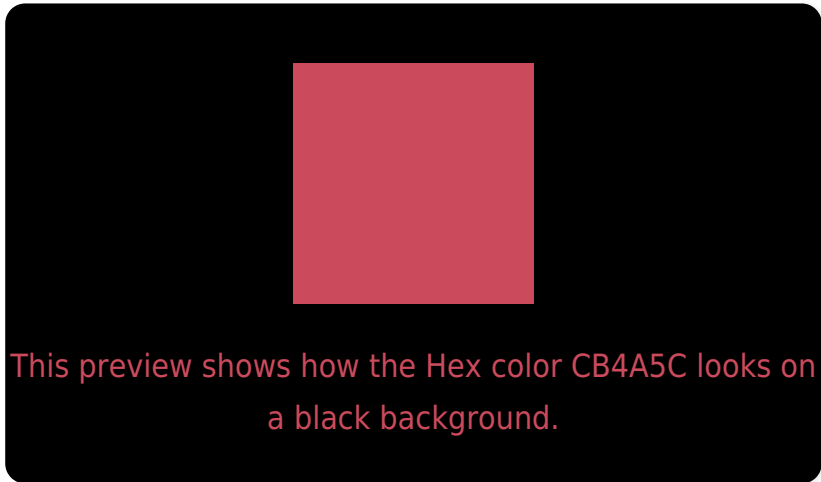
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB4A5C Background



This preview shows how black text looks on a background with the Hex color CB4A5C.

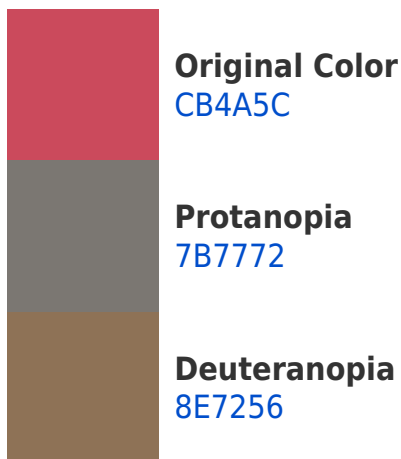


This preview shows how white text looks on a background with the Hex color CB4A5C.

# 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



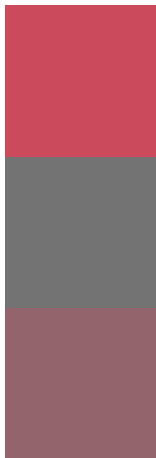
**Original Color**  
CB4A5C

**Protanomaly**  
98676A

**Deuteranomaly**  
A46358

**Tritanomaly**  
CA4B55

# Monochromacy



**Original Color**  
CB4A5C

**Achromatopsia**  
737373

**Achromatomaly**  
93646B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB4A5C 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 #CB4A5C looks like.

```
.text, #text, p{  
    color:#CB4A5C  
}
```

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 #CB4A5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB4A5C
}
```

## Border

The CSS property to change the border of an element to Hex CB4A5C is called "border". The border property can be set on classes, ids or directly on the HTML element.

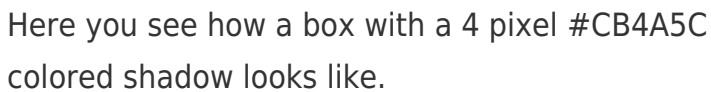
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CB4A5C }
```

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

```
.border{ border-color:#CB4A5C }
```

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



Here you see how a box with a 4 pixel `#CB4A5C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB4A5C; -webkit-box-shadow:4px 4px  
4px 4px #CB4A5C; box-shadow:4px 4px 4px  
4px #CB4A5C }
```

# Background

The CSS property to change the background color of an element to Hex CB4A5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB4A5C }
```

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

```
.background{ background-color:#CB4A5C }
```

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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