

# Converting Colors

Hex(C45A4A)

Have a look what the booklet for  
Hex(C45A4A) contains.

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**Color**

**Hex(C45A4A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C45A4A
RGB	196, 90, 74
RGB Percent	77%, 35%, 29%
CMY	0.2314, 0.6471, 0.7098
CMYK	0.00, 0.54, 0.62, 0.23
HSL	8°, 51%, 53%
HSV	8°, 62%, 77%
XYZ	27.6571, 19.5425, 8.7930
YIQ	119.8700, 68.3120, 17.4960

# Conversions

## Conversions Part 2

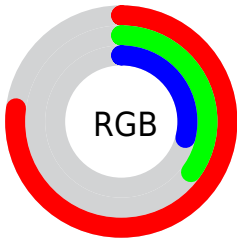
<b>Format</b>	<b>Color</b>
<b>RYB</b>	196, 92, 74
Decimal	12868170
CIELab	51.32, 41.17, 29.61
CIElCh	51, 50.718, 35.725
Yxy	19.5425, 0.4939, 0.3490
Android (android.graphics.Color)	4291058250 (0xFFC45A4A)
YUV	119.8700, -22.6139, 66.7660
Hunter-Lab	44.2069, 34.3128, 19.1518

# Details

The Hex color **C45A4A** 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 **4AB4C4**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **FF8F7B**, and **89261D** is the 20% darker color. If you saturate the color by 10%, you get **C44936**, and if you desaturate by 10%, it is **C46B5E**.

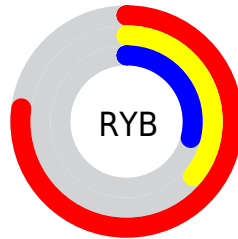
# Distribution



Red (77%)

Green (35%)

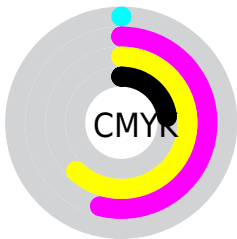
Blue (29%)



Red (77%)

Yellow (36%)

Blue (29%)

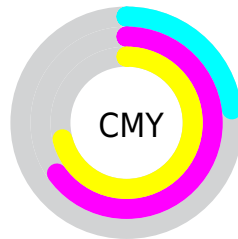


Cyan (0%)

Magenta (54%)

Yellow (62%)

Black (23%)



Cyan (23%)

Magenta (65%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C45A4A 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 C45A4A by changing the saturation by 10% instead.



 C45A4A

 C45A4A

FFFFFF

 A64033

 FF8F7B

 89261D

 FFAA95

 6C0607

 FFC6B0

 4F0000

 FFE3CB

 350001

 FFFF7E

 0A0000

 000000

 C45A4A

 C45A4A

 C44936

 C46B5E

 C43823

 C47C71

 C4270F

 C48D85

 C41A00

 C49E98

 C4AFAC

 C4C0C0

 C4D1D3

 C4E2E7

 C4F3FA

# Harmonies

## Analogous

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



C85174



C45A4A



AD6B29

# Triad

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



C45A4A



008D55



277CD1

# Complementary

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



C45A4A



4AB4C4

# 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



C45A4A



008F82

# Square

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



C45A4A



5C862F



008EAC



876BC1

# Rectangle

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



C45A4A



96761C



008EAC



0081D1

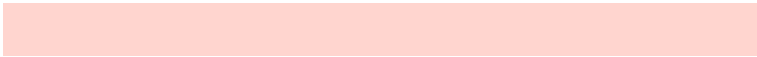


# Sweetspot

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



C45A4A



FFD5CF



C44AB6



806662



000000



808080



# Same Dimension

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



C45A4A



FF5940



C4954A



615857



A11500



210400

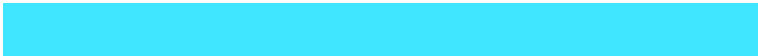


# Inverse Universe

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



4AB4C4



40E6FF



4A79C4



576061



008CA1

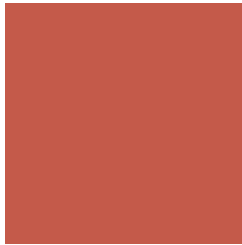


001D21



# Previews

## White Background



This preview shows how the Hex color C45A4A looks on a white background.

## Color Contrast Check

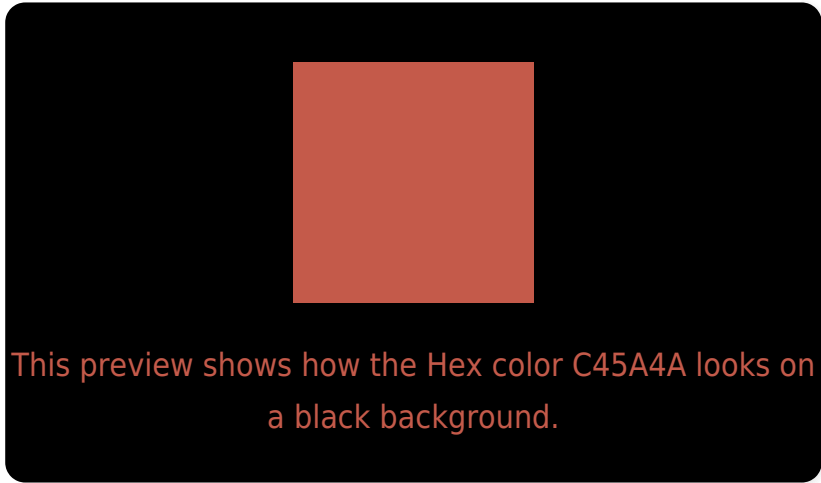
Large Text (above 18pt) WCAG AA ✓ Pass

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

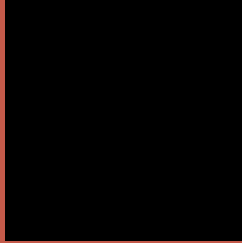
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C45A4A Background



This preview shows how black text looks on a background with the Hex color C45A4A.



This preview shows how white text looks on a background with the Hex color C45A4A.

# 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



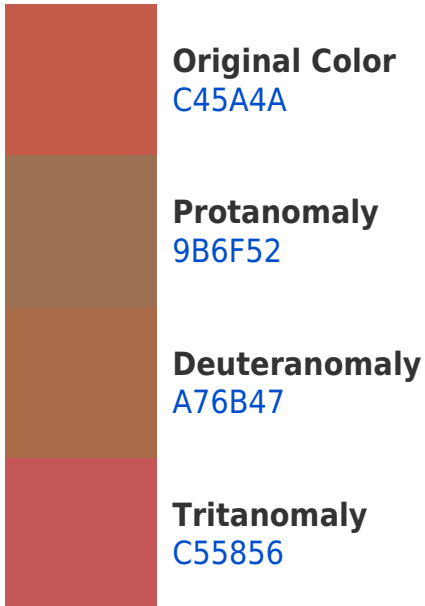
**Original Color**  
C45A4A

**Protanopia**  
847B57

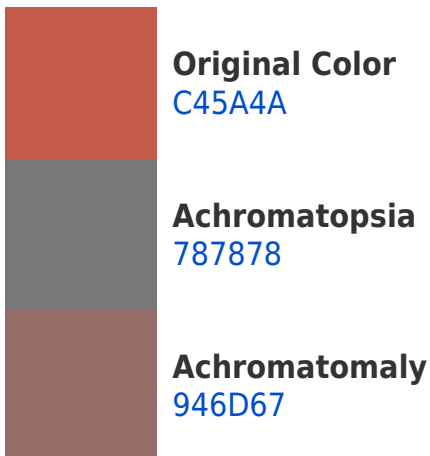
**Deuteranopia**  
967545



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C45A4A 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 #C45A4A looks like.

```
.text, #text, p{  
    color:#C45A4A  
}
```

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 #C45A4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C45A4A
}
```

## Border

The CSS property to change the border of an element to Hex C45A4A 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
#C45A4A }
```

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

```
.border{ border-color:#C45A4A }
```

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

Here you see how a box with a 4 pixel #C45A4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C45A4A; -webkit-box-shadow:4px 4px  
4px 4px #C45A4A; box-shadow:4px 4px 4px  
4px #C45A4A }
```

# Background

The CSS property to change the background color of an element to Hex C45A4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C45A4A }
```

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

```
.background{ background-color:#C45A4A }
```

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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