

# Converting Colors

Hex(CA5F35)

Have a look what the booklet for  
Hex(CA5F35) contains.

<b>Hex(CA5F35)</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(CA5F35)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CA5F35
RGB	202, 95, 53
RGB Percent	79%, 37%, 21%
CMY	0.2078, 0.6275, 0.7922
CMYK	0.00, 0.53, 0.74, 0.21
HSL	17°, 58%, 50%
HSV	17°, 74%, 79%
XYZ	29.0919, 20.9980, 5.8879
YIQ	122.2050, 77.2540, 9.6220

# Conversions

## Conversions Part 2

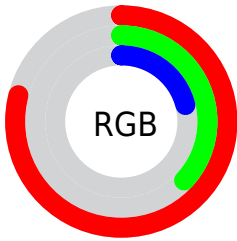
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	202, 111, 53
Decimal	13262645
CIE <sub>Lab</sub>	52.95, 39.78, 43.24
CIE <sub>LCh</sub>	53, 58.755, 47.393
Yxy	20.9980, 0.5197, 0.3751
Android (android.graphics.Color)	4291452725 (0xFFCA5F35)
YUV	122.2050, -34.1181, 69.9802
Hunter-Lab	45.8236, 33.1327, 24.4583

# Details

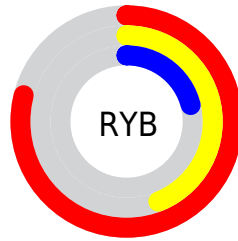
The Hex color **CA5F35** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **35A0CA**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **FF9466**, and **8D2C05** is the 20% darker color. If you saturate the color by 10%, you get **CA5021**, and if you desaturate by 10%, it is **CA6E49**.

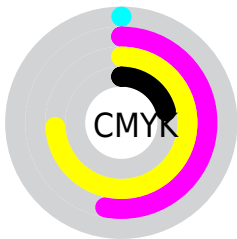
# Distribution



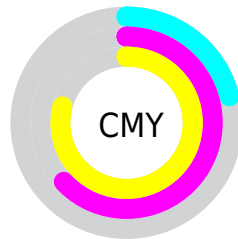
- Red (79%)
- Green (37%)
- Blue (21%)



- Red (79%)
- Yellow (44%)
- Blue (21%)



- Cyan (0%)
- Magenta (53%)
- Yellow (74%)
- Black (21%)



- Cyan (21%)
- Magenta (63%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CA5F35 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 CA5F35 by changing the saturation by 10% instead.



CA5F35

CA5F35

FFFFFF

AC451D

FF9466

8D2C05

FFAF7F

701000

FFCB9A

530000

FFE8B5

380000

FFFFD1

150000

FFFFED

000000

CA5F35

CA5F35

CA5021

CA6E49

■ CA420D

■ CA7C5D

■ CA3900

■ CA8B72

■ CA9986

■ CAA89A

■ CAB6AE

■ CAC5C2

■ CAD3D7

■ CAE2EB

# Harmonies

## Analogous

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



D94D63



CA5F35



A9740B

# Triad

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



CA5F35



009567



517ADF

# Complementary

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



CA5F35



35A0CA

# 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.



008AE1



CA5F35



00969B

# Square

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



CA5F35



3D8F35



0093C8



A563C3

# Rectangle

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



CA5F35



8C8000



0093C8



0080E3



# Sweetspot

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



CA5F35



FFD7C7



CA35A2



80685E



000000



808080



# Same Dimension

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



CA5F35



FF5C1C



CAA735



665F5C



A62F00



260B00

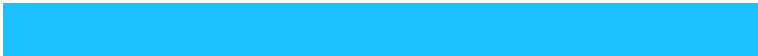


# Inverse Universe

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



35A0CA



1CBFFF



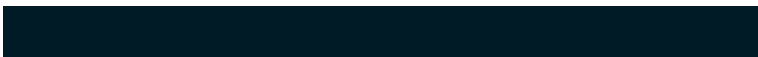
3558CA



5C6366



0077A6

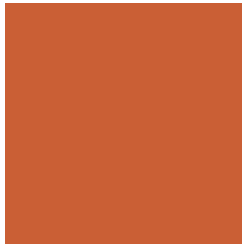


001B26



# Previews

## White Background



This preview shows how the Hex color CA5F35 looks on a white background.

## Color Contrast Check

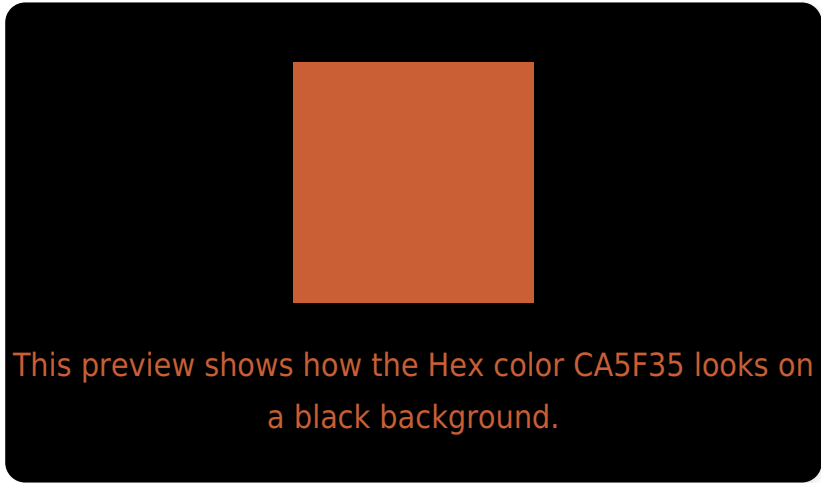
Large Text (above 18pt) WCAG AA ✓ Pass

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 CA5F35 Background



This preview shows how black text looks on a background with the Hex color CA5F35.



This preview shows how white text looks on a background with the Hex color CA5F35.

# 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



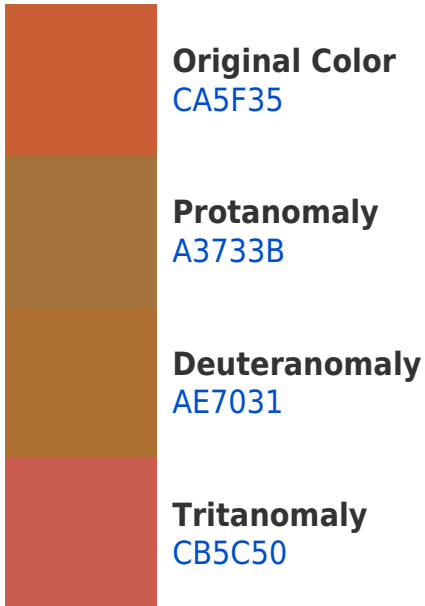
**Original Color**  
CA5F35

**Protanopia**  
8C7F3F

**Deuteranopia**  
9E792E



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CA5F35 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 #CA5F35 looks like.

```
.text, #text, p{  
    color:#CA5F35  
}
```

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 #CA5F35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA5F35
}
```

## Border

The CSS property to change the border of an element to Hex CA5F35 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
#CA5F35 }
```

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

```
.border{ border-color:#CA5F35 }
```

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

Here you see how a box with a 4 pixel #CA5F35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA5F35; -webkit-box-shadow:4px 4px  
4px 4px #CA5F35; box-shadow:4px 4px 4px  
4px #CA5F35 }
```

# Background

The CSS property to change the background color of an element to Hex CA5F35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA5F35 }
```

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

```
.background{ background-color:#CA5F35 }
```

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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