

Converting Colors

Hex(CA5E3F)

Have a look what the booklet for
Hex(CA5E3F) contains.

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Color

Hex(CA5E3F)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CA5E3F |
| RGB | 202, 94, 63 |
| RGB Percent | 79%, 37%, 25% |
| CMY | 0.2078, 0.6314, 0.7529 |
| CMYK | 0.00, 0.53, 0.69, 0.21 |
| HSL | 13°, 57%, 52% |
| HSV | 13°, 69%, 79% |
| XYZ | 29.2570, 20.9208, 7.1987 |
| YIQ | 122.7580, 74.3190, 13.2550 |

Conversions

Conversions Part 2

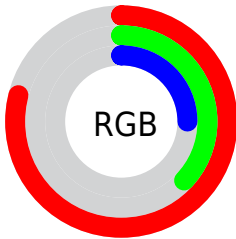
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 202, 103, 63 |
| Decimal | 13262399 |
| CIE _{Lab} | 52.86, 40.78, 37.86 |
| CIE _{LCh} | 53, 55.641, 42.874 |
| Yxy | 20.9208, 0.5099, 0.3646 |
| Android (android.graphics.Color) | 4291452479 (0xFFCA5E3F) |
| YUV | 122.7580, -29.4607, 69.4952 |
| Hunter-Lab | 45.7393, 34.1333, 22.6861 |

Details

The Hex color **CA5E3F** 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 **3FABCA**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **FF9370**, and **8E2B12** is the 20% darker color. If you saturate the color by 10%, you get **CA4E2B**, and if you desaturate by 10%, it is **CA6E53**.

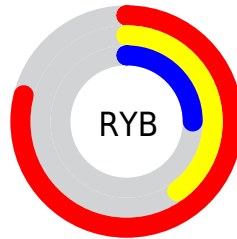
Distribution



Red (79%)

Green (37%)

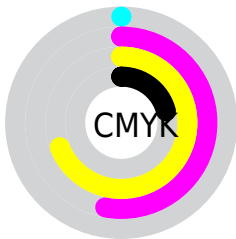
Blue (25%)



Red (79%)

Yellow (40%)

Blue (25%)

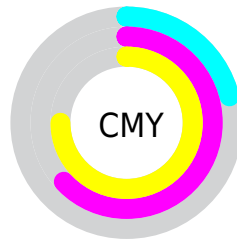


Cyan (0%)

Magenta (53%)

Yellow (69%)

Black (21%)



Cyan (21%)

Magenta (63%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA5E3F 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 CA5E3F by changing the saturation by 10% instead.

CA5E3F

CA5E3F

FFFFFF

AC4428

FF9370

8E2B12

FFAE8A

710D00

FFCAA4

530000

FFE7BF

380000

FFFFDB

160000

FFFFF8

000000

CA5E3F

CA5E3F

CA4E2B

CA6E53

■ CA3F17

■ CA7D67

■ CA2F02

■ CA8D7C

■ CA2D00

■ CA9D90

■ CAACA4

■ CABCB8

■ CACCCC

■ CADCE1

■ CAEBF5

Harmonies

Analogous

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



D5506C



CA5E3F



AD721B

Triad

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



CA5E3F



009360



437DDC

Complementary

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



CA5E3F



3FABCA

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.



008BD9



CA5E3F



009592

Square

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



CA5E3F



4D8D33



0093BE



9B68C5

Rectangle

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



CA5E3F



927D0E



0093BE



0082DE

Sweetspot

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



CA5E3F



FFD5C9



CA3FAC



806760



000000



808080

Same Dimension

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



CA5E3F



FF5B2B



CAA33F



665E5C



A62500



260900

Inverse Universe

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



3FABCA



2BD0FF



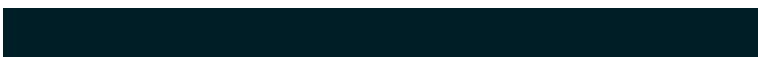
3F66CA



5C6466



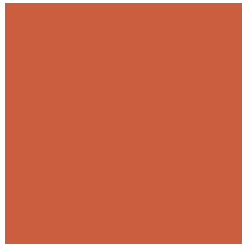
0081A6



001E26

Previews

White Background



This preview shows how the Hex color CA5E3F looks on a white background.

Color Contrast Check

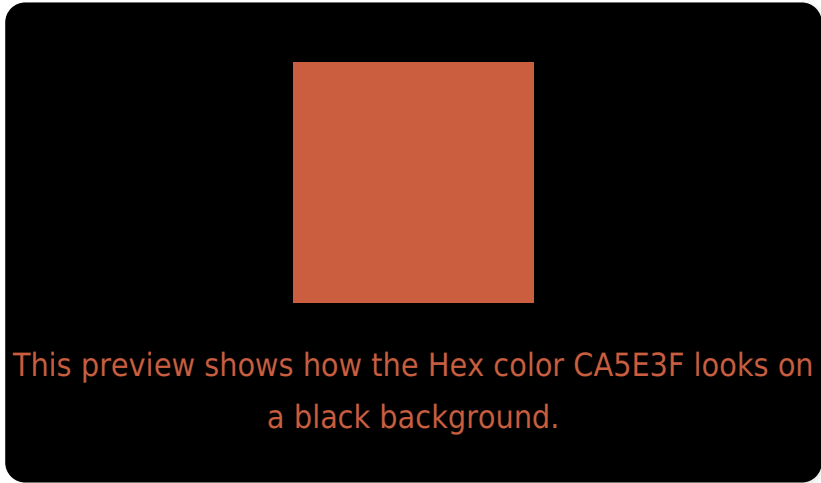
Large Text (above 18pt) WCAG AA ✓ Pass

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 CA5E3F Background



This preview shows how black text looks on a background with the Hex color CA5E3F.

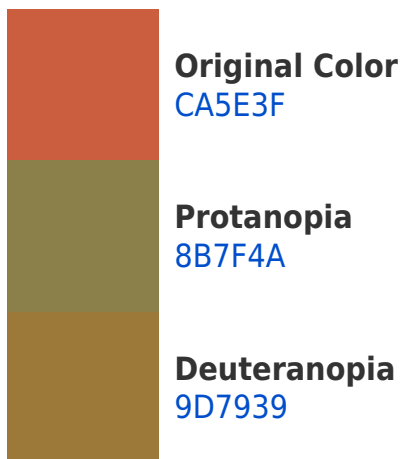


This preview shows how white text looks on a background with the Hex color CA5E3F.

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
CA5E3F

Protanomaly
A27346

Deuteranomaly
AD6F3B

Tritanomaly
CB5B54

Monochromacy



Original Color
CA5E3F

Achromatopsia
7B7B7B

Achromatomaly
987065

CSS Examples

Text

The CSS property to change the color of the text to Hex CA5E3F 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 #CA5E3F looks like.

```
.text, #text, p{  
    color:#CA5E3F  
}
```

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 #CA5E3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA5E3F
}
```

Border

The CSS property to change the border of an element to Hex CA5E3F is called "border". The border property can be set on classes, ids or directly on the HTML element.

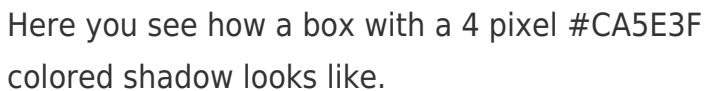
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CA5E3F }
```

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

```
.border{ border-color:#CA5E3F }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, positioned to the right and bottom of the box.

Here you see how a box with a 4 pixel `#CA5E3F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA5E3F; -webkit-box-shadow:4px 4px  
4px 4px #CA5E3F; box-shadow:4px 4px 4px  
4px #CA5E3F }
```

Background

The CSS property to change the background color of an element to Hex CA5E3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA5E3F }
```

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

```
.background{ background-color:#CA5E3F }
```

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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