

Converting Colors

Hex(CA5E33)

Have a look what the booklet for
Hex(CA5E33) contains.

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Color

Hex(CA5E33)

Conversions

Conversions Part 1

Format	Color
Hex	CA5E33
RGB	202, 94, 51
RGB Percent	79%, 37%, 20%
CMY	0.2078, 0.6314, 0.8000
CMYK	0.00, 0.53, 0.75, 0.21
HSL	17°, 60%, 50%
HSV	17°, 75%, 79%
XYZ	28.9574, 20.8010, 5.6207
YIQ	121.3900, 78.1710, 9.5230

Conversions

Conversions Part 2

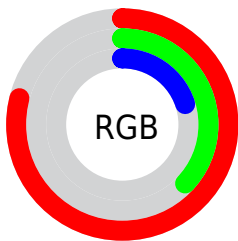
Format	Color
R_{YB}	202, 111, 51
Decimal	13262387
CIE _{Lab}	52.73, 40.19, 44.03
CIE _{LCh}	53, 59.615, 47.614
Yxy	20.8010, 0.5229, 0.3756
Android (android.graphics.Color)	4291452467 (0xFFCA5E33)
YUV	121.3900, -34.7023, 70.6950
Hunter-Lab	45.6081, 33.5186, 24.6188

Details

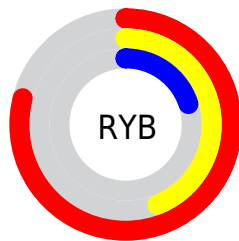
The Hex color **CA5E33** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **339FCA**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **FF9364**, and **8D2B02** is the 20% darker color. If you saturate the color by 10%, you get **CA501F**, and if you desaturate by 10%, it is **CA6C47**.

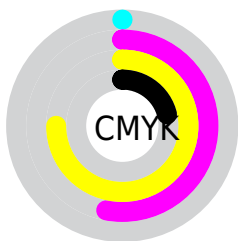
Distribution



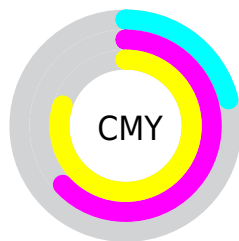
- Red (79%)
- Green (37%)
- Blue (20%)



- Red (79%)
- Yellow (44%)
- Blue (20%)



- Cyan (0%)
- Magenta (53%)
- Yellow (75%)
- Black (21%)



- Cyan (21%)
- Magenta (63%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA5E33 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 CA5E33 by changing the saturation by 10% instead.

CA5E33

CA5E33

FFFFFF

AB441B

FF9364

8D2B02

FFAE7D

700E00

FFCA98

520000

FFE7B3

380000

FFFFCF

140000

FFFFEB

000000

CA5E33

CA5E33

CA501F

CA6C47

■ CA410B

■ CA7B5B

■ CA3A00

■ CA8970

■ CA9884

■ CAA698

■ CAB5AC

■ CAC3C0

■ CAD2D5

■ CAE0E9

Harmonies

Analogous

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



D94C62



CA5E33



A87405

Triad

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



CA5E33



009466



5079E0

Complementary

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



CA5E33



339FCA

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.



008AE2



CA5E33



00969B

Square

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



CA5E33



3A8F33



0093C9



A662C4

Rectangle

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



CA5E33



8B8000



0093C9



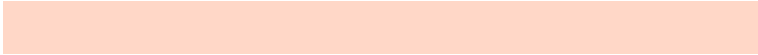
0080E4

Sweetspot

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



CA5E33



FFD7C7



CA339F



80685E



000000



808080

Same Dimension

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



CA5E33



FF5B19



CAA933



665F5C



A62F00



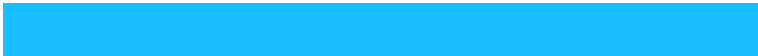
260B00

Inverse Universe

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



339FCA



19BEFF



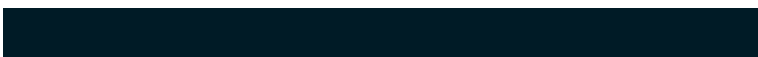
3354CA



5C6366



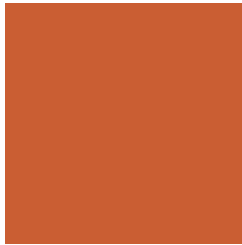
0077A6



001B26

Previews

White Background



This preview shows how the Hex color CA5E33 looks on a white background.

Color Contrast Check

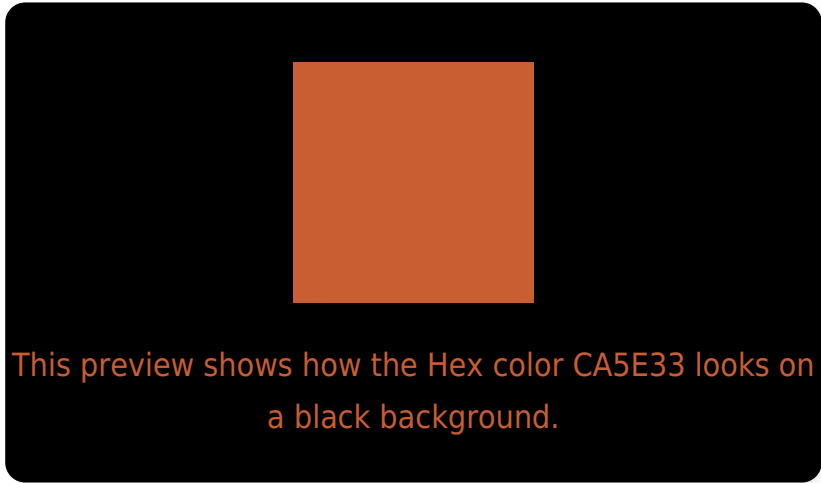
Large Text (above 18pt) WCAG AA ✓ Pass

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 CA5E33 Background



This preview shows how black text looks on a background with the Hex color CA5E33.

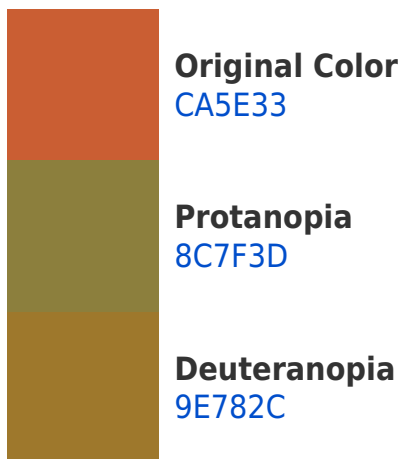


This preview shows how white text looks on a background with the Hex color CA5E33.

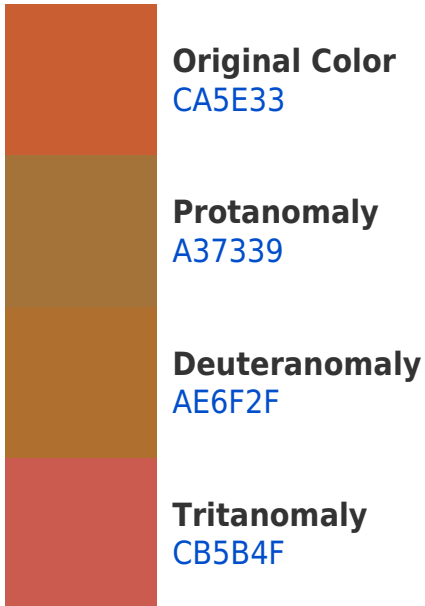
Color Blindness Simulation

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



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CA5E33 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 #CA5E33 looks like.

```
.text, #text, p{  
    color:#CA5E33  
}
```

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 #CA5E33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA5E33
}
```

Border

The CSS property to change the border of an element to Hex CA5E33 is called "border". The border property can be set on classes, ids or directly on the HTML element.

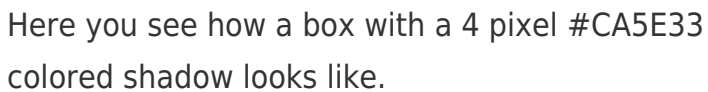
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CA5E33 }
```

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

```
.border{ border-color:#CA5E33 }
```

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, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel `#CA5E33` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA5E33; -webkit-box-shadow:4px 4px  
4px 4px #CA5E33; box-shadow:4px 4px 4px  
4px #CA5E33 }
```

Background

The CSS property to change the background color of an element to Hex CA5E33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA5E33 }
```

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

```
.background{ background-color:#CA5E33 }
```

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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