

Converting Colors

Hex(CA5B45)

Have a look what the booklet for
Hex(CA5B45) contains.

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Color

Hex(CA5B45)

Conversions

Conversions Part 1

Format	Color
Hex	CA5B45
RGB	202, 91, 69
RGB Percent	79%, 36%, 27%
CMY	0.2078, 0.6431, 0.7294
CMYK	0.00, 0.55, 0.66, 0.21
HSL	10°, 56%, 53%
HSV	10°, 66%, 79%
XYZ	29.1724, 20.4684, 8.0435
YIQ	121.6810, 73.2180, 16.6900

Conversions

Conversions Part 2

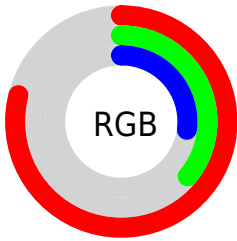
Format	Color
R_{YB}	202, 95, 69
Decimal	13261637
CIE _{Lab}	52.36, 42.61, 33.95
CIE _{LCh}	52, 54.477, 38.548
Yxy	20.4684, 0.5057, 0.3548
Android (android.graphics.Color)	4291451717 (0xFFCA5B45)
YUV	121.6810, -25.9717, 70.4398
Hunter-Lab	45.2420, 35.9246, 21.1284

Details

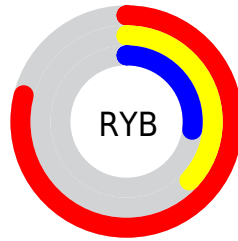
The Hex color **CA5B45** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **45B4CA**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **FF9076**, and **8E2718** is the 20% darker color. If you saturate the color by 10%, you get **CA4A31**, and if you desaturate by 10%, it is **CA6C59**.

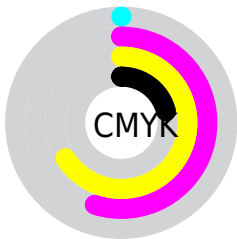
Distribution



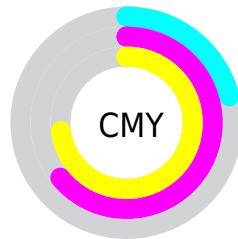
- Red (79%)
- Green (36%)
- Blue (27%)



- Red (79%)
- Yellow (37%)
- Blue (27%)



- Cyan (0%)
- Magenta (55%)
- Yellow (66%)
- Black (21%)



- Cyan (21%)
- Magenta (64%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA5B45 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 CA5B45 by changing the saturation by 10% instead.

 CA5B45

 CA5B45

FFFFFF

 AC412E

 FF9076

 8E2718

 FFAB90

 710600

 FFC7AA

 540000

 FFE4C6

 390001

 FFFFEE

 150000

 000000

 CA5B45

 CA5B45

 CA4A31

 CA6C59

■ CA391D

■ CA7D6D

■ CA2808

■ CA8E82

■ CA2100

■ CA9E96

■ CAAFAA

■ CAC0BE

■ CAD1D2

■ CAE2E7

■ CAF3FB

Harmonies

Analogous

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



D15071



CA5B45



B06E21

Triad

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



CA5B45



009159



2C7EDA

Complementary

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



CA5B45



45B4CA

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.



008BD4



CA5B45



009389

Square

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



CA5B45



568A2E



0092B6



906BC6

Rectangle

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



CA5B45



977A12



0092B6



0083DB

Sweetspot

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



CA5B45



FFD4CC



CA45B6



806661



000000



808080

Same Dimension

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



CA5B45



FF5736



CA9B45



665D5C



A61B00



260600

Inverse Universe

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



45B4CA



36DEFF



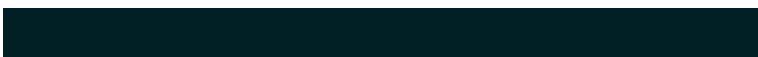
4574CA



5C6466



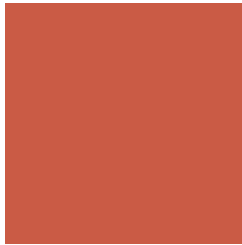
008AA6



002026

Previews

White Background



This preview shows how the Hex color CA5B45 looks on a white background.

Color Contrast Check

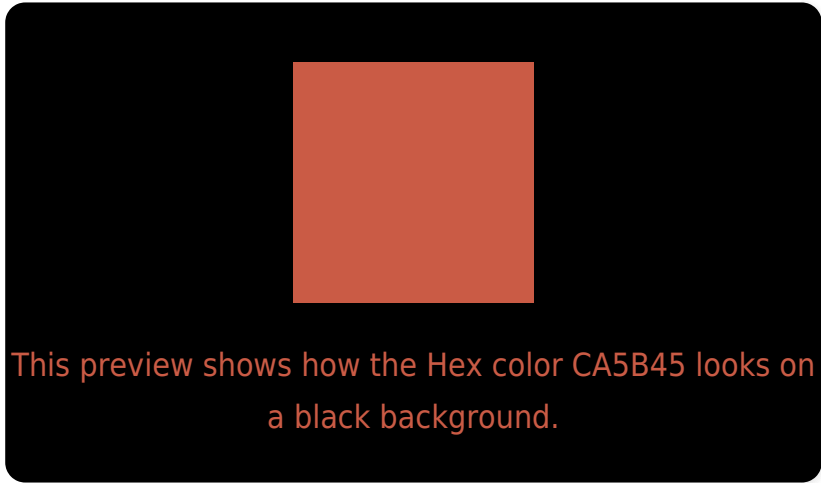
Large Text (above 18pt) WCAG AA ✓ Pass

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 CA5B45 Background



This preview shows how black text looks on a background with the Hex color CA5B45.

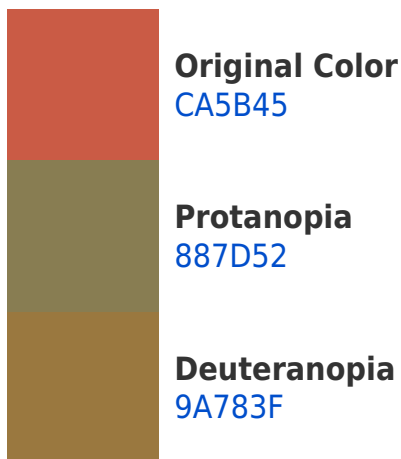


This preview shows how white text looks on a background with the Hex color CA5B45.

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
CA5B45

Protanomaly
A0714D

Deuteranomaly
AB6D41

Tritanomaly
CB5955

Monochromacy



Original Color
CA5B45

Achromatopsia
7A7A7A

Achromatomaly
976F67

CSS Examples

Text

The CSS property to change the color of the text to Hex CA5B45 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 #CA5B45 looks like.

```
.text, #text, p{  
    color:#CA5B45  
}
```

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 #CA5B45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA5B45
}
```

Border

The CSS property to change the border of an element to Hex CA5B45 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
#CA5B45 }
```

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

```
.border{ border-color:#CA5B45 }
```

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

Here you see how a box with a 4 pixel #CA5B45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA5B45; -webkit-box-shadow:4px 4px  
4px 4px #CA5B45; box-shadow:4px 4px 4px  
4px #CA5B45 }
```

Background

The CSS property to change the background color of an element to Hex CA5B45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA5B45 }
```

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

```
.background{ background-color:#CA5B45 }
```

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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