

Converting Colors

Hex(CB5E34)

Have a look what the booklet for
Hex(CB5E34) contains.

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Color

Hex(CB5E34)

Conversions

Conversions Part 1

Format	Color
Hex	CB5E34
RGB	203, 94, 52
RGB Percent	80%, 37%, 20%
CMY	0.2039, 0.6314, 0.7961
CMYK	0.00, 0.54, 0.74, 0.20
HSL	17°, 59%, 50%
HSV	17°, 74%, 80%
XYZ	29.2511, 20.9499, 5.7508
YIQ	121.8030, 78.4460, 10.0460

Conversions

Conversions Part 2

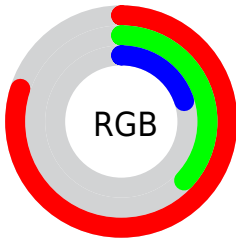
Format	Color
R_{YB}	203, 110, 52
Decimal	13327924
CIE _{Lab}	52.89, 40.62, 43.74
CIE _{LCh}	53, 59.693, 47.124
Yxy	20.9499, 0.5228, 0.3744
Android (android.graphics.Color)	4291518004 (0xFFCB5E34)
YUV	121.8030, -34.4129, 71.2098
Hunter-Lab	45.7710, 33.9758, 24.5903

Details

The Hex color **CB5E34** 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 **34A1CB**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **FF9365**, and **8E2B03** is the 20% darker color. If you saturate the color by 10%, you get **CB4F20**, and if you desaturate by 10%, it is **CB6D48**.

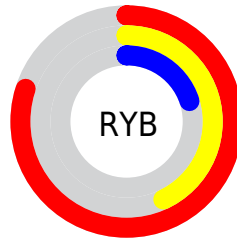
Distribution



Red (80%)

Green (37%)

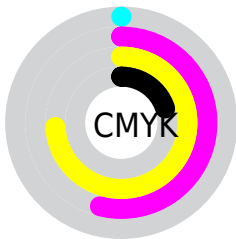
Blue (20%)



Red (80%)

Yellow (43%)

Blue (20%)

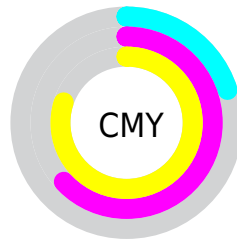


Cyan (0%)

Magenta (54%)

Yellow (74%)

Black (20%)



Cyan (20%)

Magenta (63%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB5E34 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 CB5E34 by changing the saturation by 10% instead.

 CB5E34

 CB5E34

FFFFFF

 AC441C

 FF9365

 8E2B03

 FFAE7E

 710D00

 FFCA99

 530000

 FFE7B4

 380000

 FFFFFD0

 160000

 FFFFEC

 000000

 CB5E34

 CB5E34

 CB4F20

 CB6D48

 CB410B

 CB7B5D

 CB3800

 CB8A71

 CB9985

 CBA79A

 CBB6AE

 CBC5C2

 CBD3D6

 CBE2EB

Harmonies

Analogous

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



DA4C63



CB5E34



A97406

Triad

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



CB5E34



009566



4E7AE1

Complementary

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



CB5E34



34A1CB

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.



008AE3



CB5E34



00969B

Square

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



CB5E34



3C8F33



0093C9



A563C5

Rectangle

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



CB5E34



8C8000



0093C9



0080E5

Sweetspot

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



CB5E34



FFD7C7



CB34A3



80685E



000000



808080

Same Dimension

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



CB5E34



FF5B1C



CBA834



665F5C



A62E00



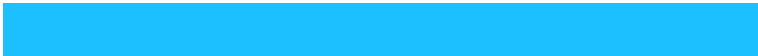
260B00

Inverse Universe

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



34A1CB



1CC0FF



3457CB



5C6366



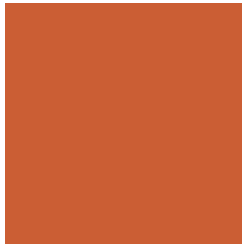
0078A6



001C26

Previews

White Background



This preview shows how the Hex color CB5E34 looks on a white background.

Color Contrast Check

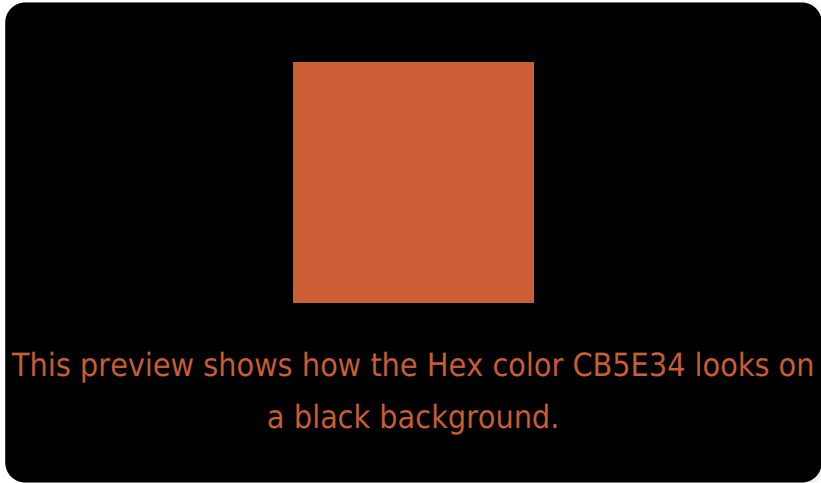
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB5E34 Background



This preview shows how black text looks on a background with the Hex color CB5E34.



This preview shows how white text looks on a background with the Hex color CB5E34.

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
CB5E34

Protanopia
8C7F3E

Deuteranopia
9E782D

Trichromacy



Original Color
CB5E34

Protanomaly
A3733A

Deuteranomaly
AE6F30

Tritanomaly
CC5B4F

Monochromacy



Original Color
CB5E34

Achromatopsia
7A7A7A

Achromatomaly
977061

CSS Examples

Text

The CSS property to change the color of the text to Hex CB5E34 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 #CB5E34 looks like.

```
.text, #text, p{  
    color:#CB5E34  
}
```

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 #CB5E34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB5E34
}
```

Border

The CSS property to change the border of an element to Hex CB5E34 is called "border". The border property can be set on classes, ids or directly on the HTML element.

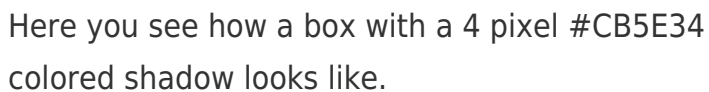
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CB5E34 }
```

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

```
.border{ border-color:#CB5E34 }
```

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



Here you see how a box with a 4 pixel `#CB5E34` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB5E34; -webkit-box-shadow:4px 4px  
4px 4px #CB5E34; box-shadow:4px 4px 4px  
4px #CB5E34 }
```

Background

The CSS property to change the background color of an element to Hex CB5E34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB5E34 }
```

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

```
.background{ background-color:#CB5E34 }
```

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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