

Converting Colors

Hex(C55034)

Have a look what the booklet for
Hex(C55034) contains.

Hex(C55034)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C55034)

Conversions

Conversions Part 1

Format	Color
Hex	C55034
RGB	197, 80, 52
RGB Percent	77%, 31%, 20%
CMY	0.2275, 0.6863, 0.7961
CMYK	0.00, 0.59, 0.74, 0.23
HSL	12°, 58%, 49%
HSV	12°, 74%, 77%
XYZ	26.5145, 17.8556, 5.2978
YIQ	111.7910, 78.7200, 16.0960

Conversions

Conversions Part 2

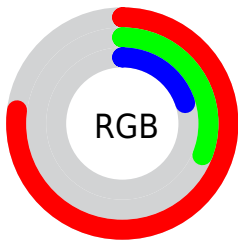
Format	Color
R_{YB}	197, 87, 52
Decimal	12931124
CIE _{Lab}	49.32, 45.15, 39.61
CIE _{LCh}	49, 60.059, 41.260
Yxy	17.8556, 0.5338, 0.3595
Android (android.graphics.Color)	4291121204 (0xFFC55034)
YUV	111.7910, -29.4770, 74.7283
Hunter-Lab	42.2559, 38.0564, 22.1456

Details

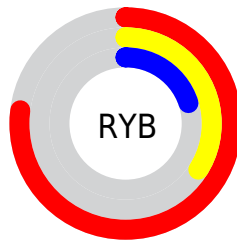
The Hex color **C55034** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **34A9C5**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **FF8564**, and **881906** is the 20% darker color. If you saturate the color by 10%, you get **C54020**, and if you desaturate by 10%, it is **C56048**.

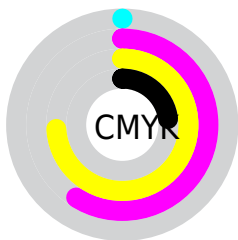
Distribution



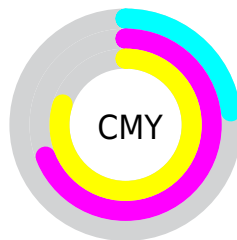
- Red (77%)
- Green (31%)
- Blue (20%)



- Red (77%)
- Yellow (34%)
- Blue (20%)



- Cyan (0%)
- Magenta (59%)
- Yellow (74%)
- Black (23%)



- Cyan (23%)
- Magenta (69%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color C55034 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 C55034 by changing the saturation by 10% instead.

 C55034

 C55034

FFFFFF

 A6361D

 FF8564

 881906

 FFA07D

 6B0000

 FFBC97

 4D0000

 FFD9B2

 340002

 FFF6CE

 000000

 FFFFEB

 C55034

 C55034

 C54020

 C56048

 C5300D

 C5705B

 C52600

 C5806F

 C59083

 C59F97

 C5AFAA

 C5BFBE

 C5CFD2

 C5DFE5

Harmonies

Analogous

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



D03F64



C55034



A76700

Triad

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



C55034



008A52



0F75DA

Complementary

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



C55034



34A9C5

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.



0084D6



C55034



008D88

Square

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



C55034



42841F



008BB8



8F5EC2

Rectangle

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



C55034



8B7400



008BB8



007BDC

Sweetspot

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



C55034



FFD2C7



C534AA



80655E



000000



808080

Same Dimension

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



C55034



FF4A1F



C59734



635B5A



A32000



240700

Inverse Universe

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



34A9C5



1FD4FF



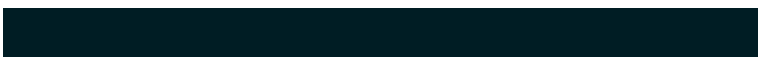
3462C5



5A6263



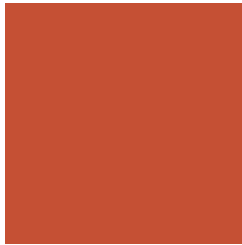
0084A3



001D24

Previews

White Background



This preview shows how the Hex color C55034 looks on a white background.

Color Contrast Check

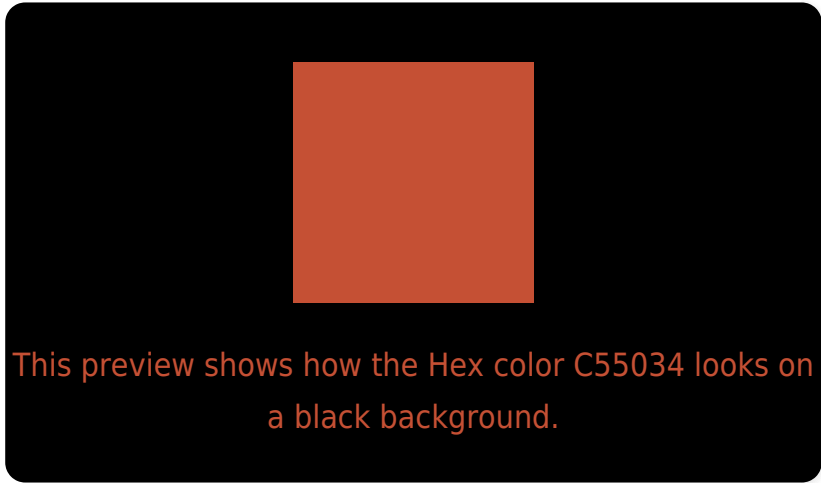
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 C55034 Background



This preview shows how black text looks on a background with the Hex color C55034.

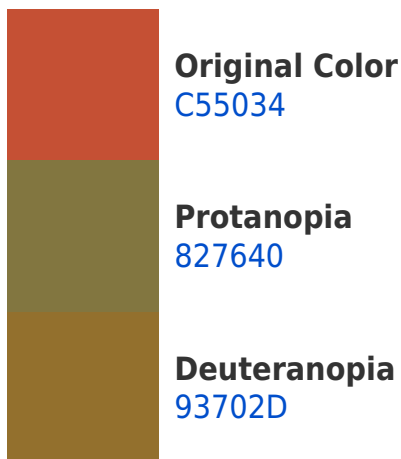


This preview shows how white text looks on a background with the Hex color C55034.

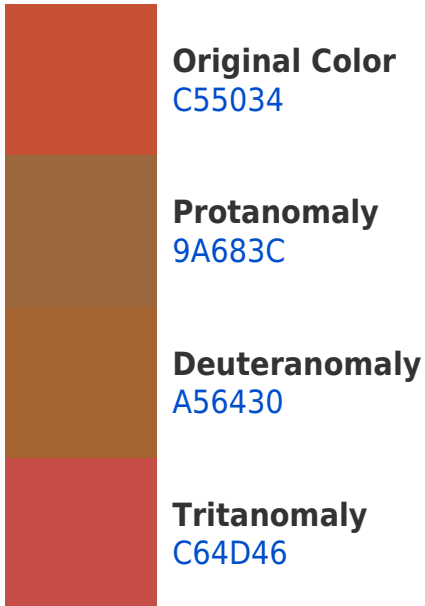
Color Blindness Simulation

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 C55034 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 #C55034 looks like.

```
.text, #text, p{  
    color:#C55034  
}
```

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 #C55034 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C55034
}
```

Border

The CSS property to change the border of an element to Hex C55034 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
#C55034 }
```

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

```
.border{ border-color:#C55034 }
```

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

Here you see how a box with a 4 pixel #C55034 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C55034; -webkit-box-shadow:4px 4px  
4px 4px #C55034; box-shadow:4px 4px 4px  
4px #C55034 }
```

Background

The CSS property to change the background color of an element to Hex C55034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C55034 }
```

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

```
.background{ background-color:#C55034 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor