

# Converting Colors

Hex(C55B46)

Have a look what the booklet for  
Hex(C55B46) contains.

|  |    |
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**Color**

**Hex(C55B46)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | C55B46                     |
| RGB           | 197, 91, 70                |
| RGB Percent   | 77%, 36%, 27%              |
| CMY           | 0.2275, 0.6431, 0.7255     |
| CMYK          | 0.00, 0.54, 0.64, 0.23     |
| HSL           | 10°, 52%, 52%              |
| HSV           | 10°, 64%, 77%              |
| XYZ           | 27.8725, 19.7947, 8.1461   |
| YIQ           | 120.3000, 69.9170, 15.9410 |

# Conversions

## Conversions Part 2

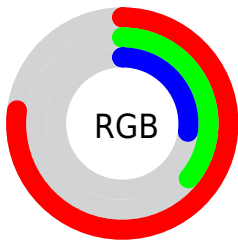
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 197, 95, 70                    |
| Decimal                             | 12933958                       |
| CIELab                              | 51.60, 40.79, 32.29            |
| CIELCh                              | 52, 52.020, 38.362             |
| Yxy                                 | 19.7947, 0.4994,<br>0.3547     |
| Android<br>(android.graphics.Color) | 4291124038<br>(0xFFC55B46)     |
| YUV                                 | 120.3000, -24.7979,<br>67.2659 |
| Hunter-Lab                          | 44.4912, 33.9658,<br>20.2882   |

# Details

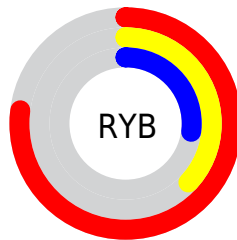
The Hex color **C55B46** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **46B0C5**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **FF9077**, and **892719** is the 20% darker color. If you saturate the color by 10%, you get **C54B32**, and if you desaturate by 10%, it is **C56B5A**.

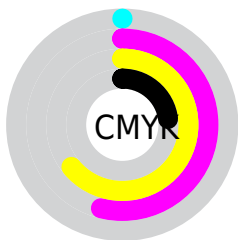
# Distribution



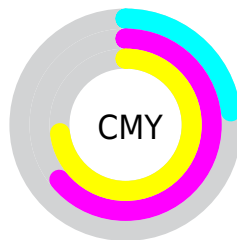
- Red (77%)
- Green (36%)
- Blue (27%)



- Red (77%)
- Yellow (37%)
- Blue (27%)



- Cyan (0%)
- Magenta (54%)
- Yellow (64%)
- Black (23%)



- Cyan (23%)
- Magenta (64%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C55B46 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 C55B46 by changing the saturation by 10% instead.



 C55B46

 C55B46

FFFFFF

 A7412F

 FF9077

 892719

 FFAB91

 6D0801

 FFC7AB

 500000

 FFE4C7

 360001

 FFFF E3

 0C0000

 000000

 C55B46

 C55B46

 C54B32

 C56B5A

 C53A1F

 C57C6D

 C52A0B

 C58C81

 C52100

 C59D95

 C5ADA9

 C5BEBC

 C5CED0

 C5DFE4

 C5EFF7

# Harmonies

## Analogous

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



CC5170



C55B46



AC6D24

# Triad

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



C55B46



008E58



327CD3

# Complementary

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



C55B46



46B0C5

# 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.



0088CD



C55B46



009087

# Square

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



C55B46



578830



008FB1



8D6AC1

# Rectangle

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



C55B46



947818



008FB1



0081D4

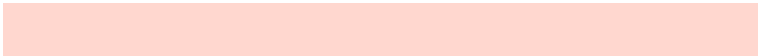


# Sweetspot

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



C55B46



FFD7CF



C546B2



806762



000000



808080



# Same Dimension

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



C55B46



FF5B3B



C59946



635B5A



A31B00



240600



# Inverse Universe

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



46B0C5



3BDFFF



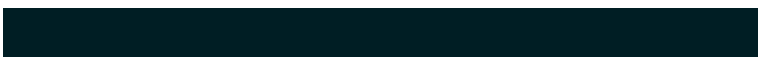
4672C5



5A6263



0088A3

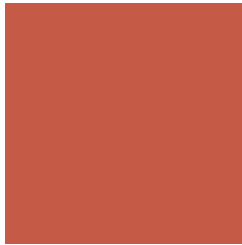


001E24



# Previews

## White Background



This preview shows how the Hex color C5B46 looks on a white background.

## Color Contrast Check

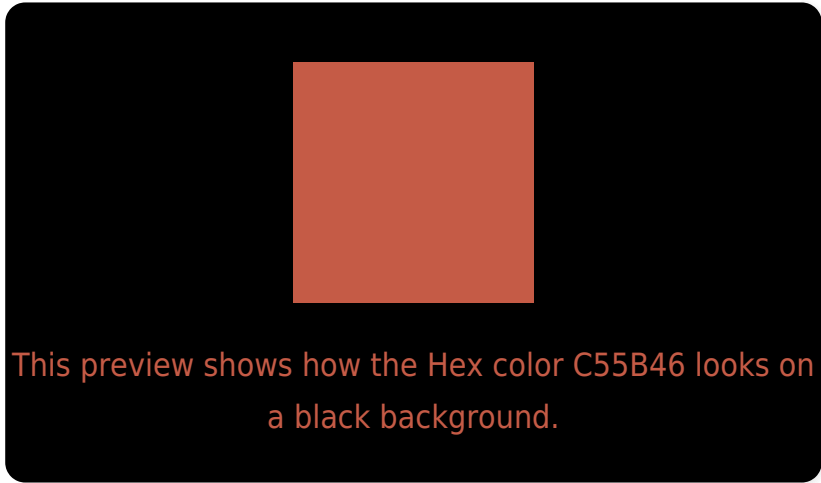
Large Text (above 18pt) WCAG AA ✓ Pass

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

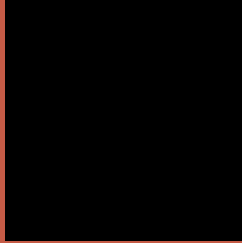
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C55B46 Background



This preview shows how black text looks on a background with the Hex color C55B46.

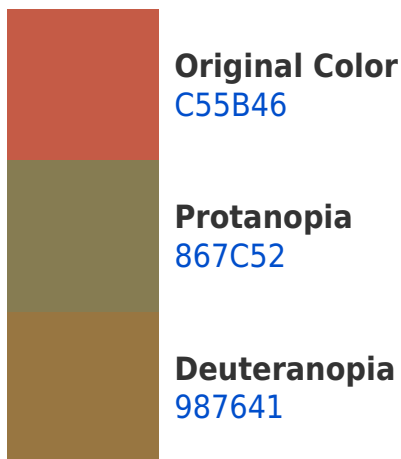


This preview shows how white text looks on a background with the Hex color C55B46.

# Color Blindness Simulation

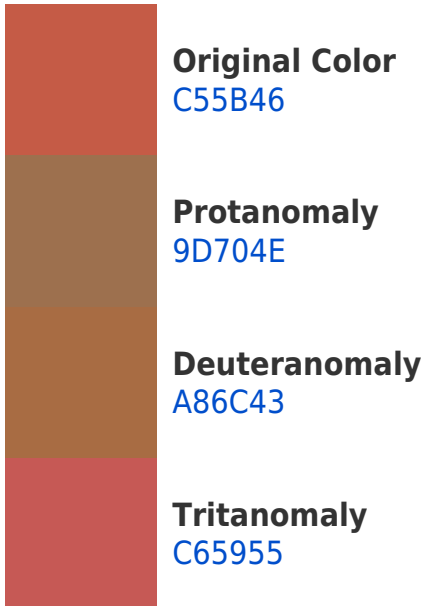
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C55B46 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 #C55B46 looks like.

```
.text, #text, p{  
    color:#C55B46  
}
```

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 #C55B46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C55B46
}
```

## Border

The CSS property to change the border of an element to Hex C55B46 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
#C55B46 }
```

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

```
.border{ border-color:#C55B46 }
```

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

Here you see how a box with a 4 pixel #C55B46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C55B46; -webkit-box-shadow:4px 4px  
4px 4px #C55B46; box-shadow:4px 4px 4px  
4px #C55B46 }
```

# Background

The CSS property to change the background color of an element to Hex C55B46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C55B46 }
```

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

```
.background{ background-color:#C55B46 }
```

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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