

Converting Colors

Hex(CC563B)

Have a look what the booklet for
Hex(CC563B) contains.

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Color

Hex(CC563B)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CC563B |
| RGB | 204, 86, 59 |
| RGB Percent | 80%, 34%, 23% |
| CMY | 0.2000, 0.6627, 0.7686 |
| CMYK | 0.00, 0.58, 0.71, 0.20 |
| HSL | 11°, 59%, 52% |
| HSV | 11°, 71%, 80% |
| XYZ | 29.0190, 19.8087, 6.4317 |
| YIQ | 118.2040, 78.9950, 16.6190 |

Conversions

Conversions Part 2

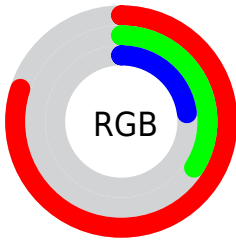
| Format | Color |
|-------------------------------------|--------------------------------------------------------------|
| RYB | 204, 92, 59 |
| Decimal | 13391419 |
| CIELab | 51.62, 45.21, 38.70 |
| CIElCh | 52, 59.512, 40.558 |
| Yxy | 19.8087, 0.5251, 0.3585 |
| Android (android.graphics.Color) | 4291581499 (0xFFCC563B) |
| YUV | 118.2040, -29.1876, 75.2431 |
| Hunter-Lab | 44.5070, 38.4968, 22.5869 |

Details

The Hex color **CC563B** 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 **3BB1CC**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF8B6B**, and **8F200E** is the 20% darker color. If you saturate the color by 10%, you get **CC4527**, and if you desaturate by 10%, it is **CC674F**.

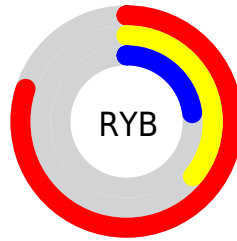
Distribution



Red (80%)

Green (34%)

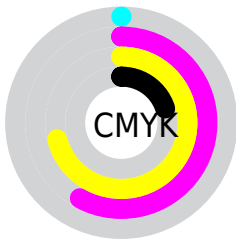
Blue (23%)



Red (80%)

Yellow (36%)

Blue (23%)

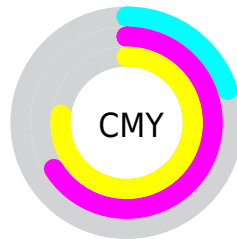


Cyan (0%)

Magenta (58%)

Yellow (71%)

Black (20%)



Cyan (20%)

Magenta (66%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC563B 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 CC563B by changing the saturation by 10% instead.

 CC563B

 CC563B

FFFFFF

 AD3C24

 FF8B6B

 8F200E

 FFA785

 720000

 FFC39F

 540000

 FFDFBB

 390001

 FFFCD6

 140000

 FFFFF3

 000000

 CC563B

 CC563B

 CC4527

 CC674F

 CC3512

 CC7764

 CC2600

 CC8878

 CC988D

 CCA9A1

 CCBAB5

 CCCACA

 CCDBDE

 CCEBF3

Harmonies

Analogous

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



D6476B



CC563B



AE6C0D

Triad

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



CC563B



009057



1D7BE0

Complementary

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



CC563B



3BB1CC

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.



008ADB



CC563B



00938C

Square

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



CC563B



4A8A25



0091BC



9465C9

Rectangle

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



CC563B



927900



0091BC



0081E1

Sweetspot

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



CC563B



FFD3C9



CC3BB1



806660



000000



808080

Same Dimension

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



CC563B



FF4F26



CC9E3B



665E5C



A61F00



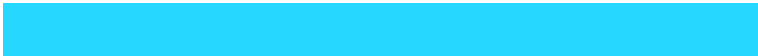
260700

Inverse Universe

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



3BB1CC



26D7FF



3B69CC



5C6466



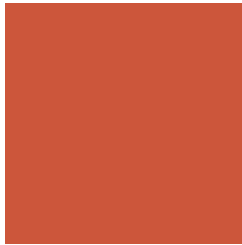
0087A6



001F26

Previews

White Background



This preview shows how the Hex color CC563B looks on a white background.

Color Contrast Check

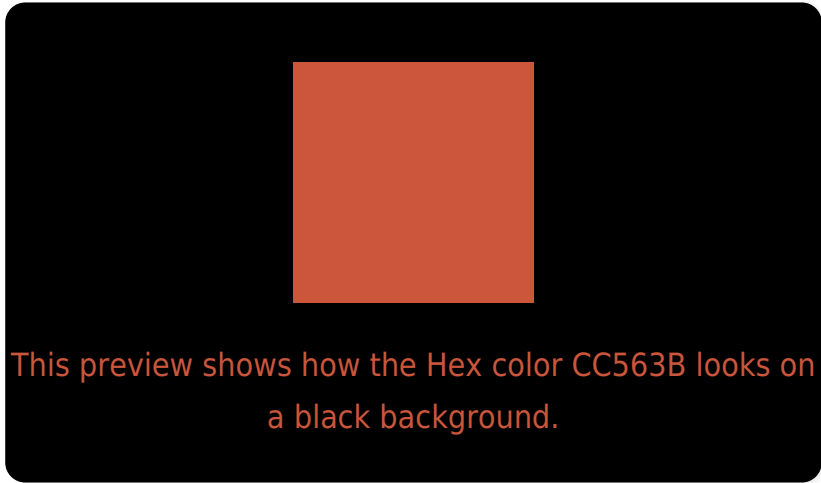
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC563B Background



This preview shows how black text looks on a background with the Hex color CC563B.



This preview shows how white text looks on a background with the Hex color CC563B.

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

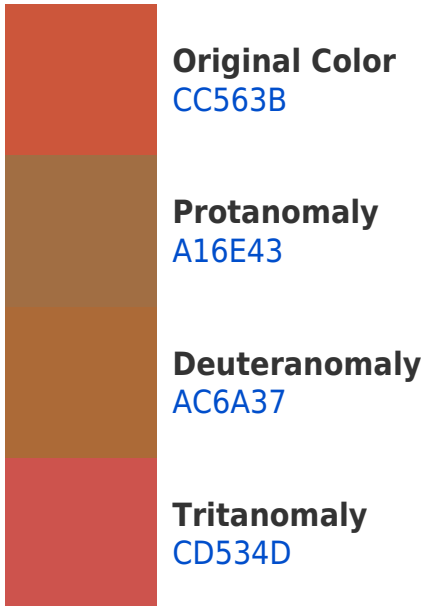


Original Color
CC563B

Protanopia
887C48

Deuteranopia
997634

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CC563B 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 #CC563B looks like.

```
.text, #text, p{  
    color:#CC563B  
}
```

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 #CC563B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC563B
}
```

Border

The CSS property to change the border of an element to Hex CC563B is called "border". The border property can be set on classes, ids or directly on the HTML element.

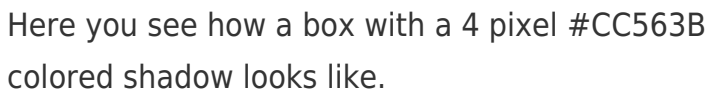
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CC563B }
```

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

```
.border{ border-color:#CC563B }
```

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



Here you see how a box with a 4 pixel `#CC563B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC563B; -webkit-box-shadow:4px 4px  
4px 4px #CC563B; box-shadow:4px 4px 4px  
4px #CC563B }
```

Background

The CSS property to change the background color of an element to Hex CC563B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC563B }
```

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

```
.background{ background-color:#CC563B }
```

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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