

Converting Colors

Hex(C4553B)

Have a look what the booklet for
Hex(C4553B) contains.

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Color

Hex(C4553B)

Conversions

Conversions Part 1

Format	Color
Hex	C4553B
RGB	196, 85, 59
RGB Percent	77%, 33%, 23%
CMY	0.2314, 0.6667, 0.7686
CMYK	0.00, 0.57, 0.70, 0.23
HSL	11°, 54%, 50%
HSV	11°, 70%, 77%
XYZ	26.8029, 18.5485, 6.3052
YIQ	115.2250, 74.5020, 15.4460

Conversions

Conversions Part 2

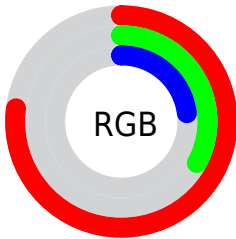
Format	Color
R_{YB}	196, 91, 59
Decimal	12866875
CIE _{Lab}	50.15, 42.73, 36.68
CIE _{LCh}	50, 56.318, 40.644
Yxy	18.5485, 0.5189, 0.3591
Android (android.graphics.Color)	4291056955 (0xFFC4553B)
YUV	115.2250, -27.7189, 70.8397
Hunter-Lab	43.0680, 35.7184, 21.4674

Details

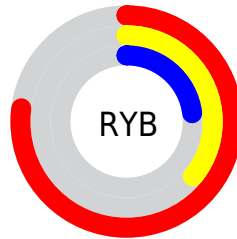
The Hex color **C4553B** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **3BAAC4**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF8A6B**, and **88200E** is the 20% darker color. If you saturate the color by 10%, you get **C44527**, and if you desaturate by 10%, it is **C4654F**.

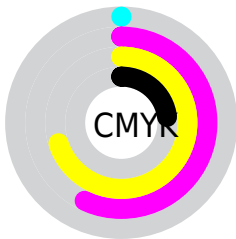
Distribution



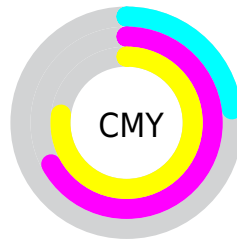
- Red (77%)
- Green (33%)
- Blue (23%)



- Red (77%)
- Yellow (36%)
- Blue (23%)



- Cyan (0%)
- Magenta (57%)
- Yellow (70%)
- Black (23%)



- Cyan (23%)
- Magenta (67%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color C4553B 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 C4553B by changing the saturation by 10% instead.

 C4553B

 C4553B

FFFFFF

 A63B24

 FF8A6B

 88200E

 FFA585

 6B0000

 FFC19F

 4D0000

 FFDDBA

 340002

 FFFAD6

 010000

 FFFFF3

 000000

 C4553B

 C4553B

 C44527

 C4654F

 C43514

 C47562

 C42500

 C48576

 C49589

 C4A49D

 C4B4B1

 C4C4C4

 C4D4D8

 C4E4EB

Harmonies

Analogous

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



CD4768



C4553B



A86913

Triad

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



C4553B



008C56



2877D6

Complementary

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



C4553B



3BAAC4

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.



0085D2



C4553B



008E88

Square

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



C4553B



4A8628



008CB5



8F63C1

Rectangle

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



C4553B



8E7500



008CB5



007DD8

Sweetspot

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



C4553B



FFD4C9



C43BAB



806660



000000



808080

Same Dimension

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



C4553B



FF5129



C4993B



615957



A11E00



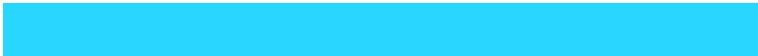
210600

Inverse Universe

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



3BAAC4



29D6FF



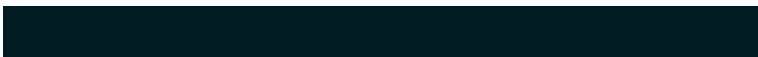
3B66C4



575F61



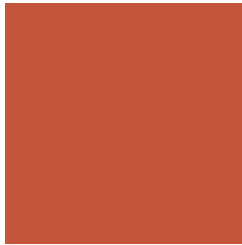
0082A1



001B21

Previews

White Background



This preview shows how the Hex color C4553B looks on a white background.

Color Contrast Check

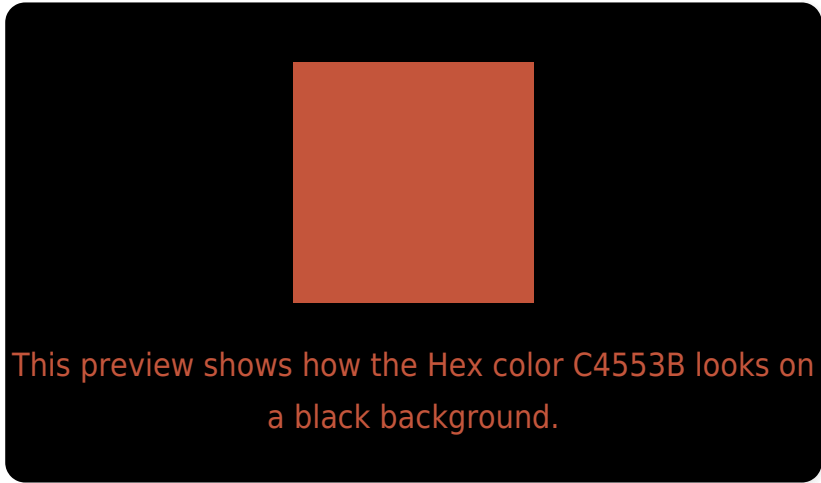
Large Text (above 18pt) WCAG AA ✓ Pass

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 C4553B Background



This preview shows how black text looks on a background with the Hex color C4553B.



This preview shows how white text looks on a background with the Hex color C4553B.

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
C4553B

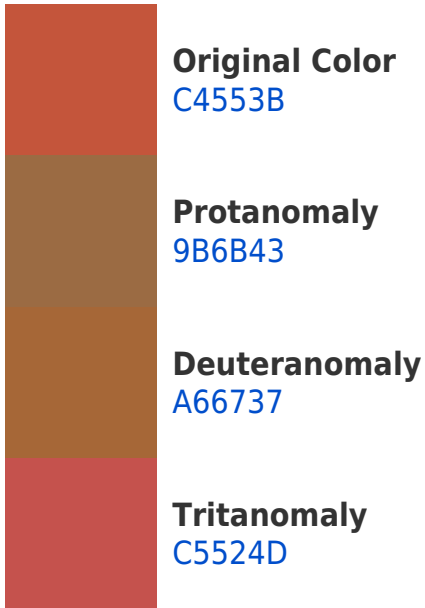
Protanopia
837847

Deuteranopia
957235

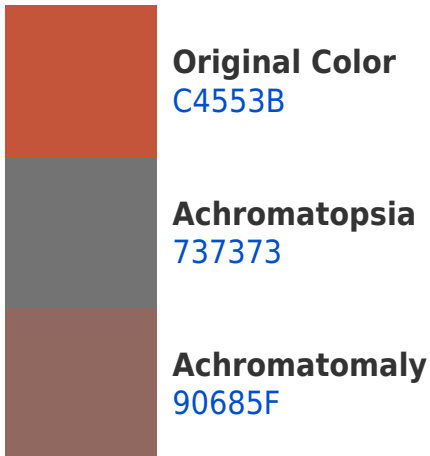


Tritanopia
C55157

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C4553B 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 #C4553B looks like.

```
.text, #text, p{  
    color:#C4553B  
}
```

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 #C4553B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4553B
}
```

Border

The CSS property to change the border of an element to Hex C4553B is called "border". The border property can be set on classes, ids or directly on the HTML element.

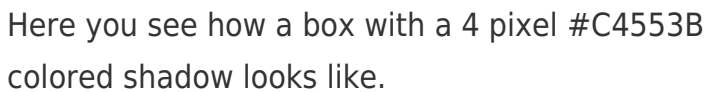
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C4553B }
```

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

```
.border{ border-color:#C4553B }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel #C4553B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4553B; -webkit-box-shadow:4px 4px  
4px 4px #C4553B; box-shadow:4px 4px 4px  
4px #C4553B }
```

Background

The CSS property to change the background color of an element to Hex C4553B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4553B }
```

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

```
.background{ background-color:#C4553B }
```

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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