

Converting Colors

Hex(C5603A)

Have a look what the booklet for
Hex(C5603A) contains.

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Color

Hex(C5603A)

Conversions

Conversions Part 1

Format	Color
Hex	C5603A
RGB	197, 96, 58
RGB Percent	77%, 38%, 23%
CMY	0.2275, 0.6235, 0.7725
CMYK	0.00, 0.51, 0.71, 0.23
HSL	16°, 55%, 50%
HSV	16°, 71%, 77%
XYZ	27.9725, 20.5415, 6.4936
YIQ	121.8670, 72.3940, 9.5940

Conversions

Conversions Part 2

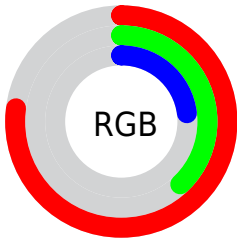
Format	Color
RYB	197, 110, 58
Decimal	12935226
CIELab	52.44, 37.57, 39.87
CIELCh	52, 54.778, 46.702
Yxy	20.5415, 0.5085, 0.3734
Android (android.graphics.Color)	4291125306 (0xFFC5603A)
YUV	121.8670, -31.4864, 65.8916
Hunter-Lab	45.3228, 30.8527, 23.2312

Details

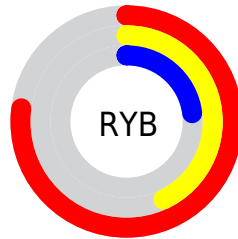
The Hex color **C5603A** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **3A9FC5**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **FF956B**, and **892E0B** is the 20% darker color. If you saturate the color by 10%, you get **C55226**, and if you desaturate by 10%, it is **C56E4E**.

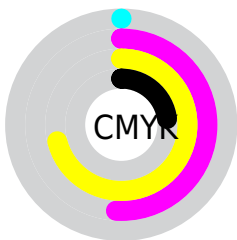
Distribution



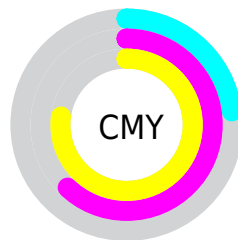
- Red (77%)
- Green (38%)
- Blue (23%)



- Red (77%)
- Yellow (43%)
- Blue (23%)



- Cyan (0%)
- Magenta (51%)
- Yellow (71%)
- Black (23%)



- Cyan (23%)
- Magenta (62%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color C5603A 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 C5603A by changing the saturation by 10% instead.

 C5603A

 C5603A

FFFFFF

 A74723

 FF956B

 892E0B

 FFB084

 6C1300

 FFCC9F

 4F0000

 FFE8BA

 350000

 FFFFFD6

 0D0000

 FFFFFF3

 000000

 C5603A

 C5603A

 C55226

 C56E4E

 C54313

 C57D61

 C53600

 C58B75

 C59989

 C5A89D

 C5B6B0

 C5C4C4

 C5D3D8

 C5E1EB

Harmonies

Analogous

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



D25165



C5603A



A67318

Triad

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



C5603A



009266



5379D8

Complementary

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



C5603A



3A9FC5

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.



0088D9



C5603A



009397

Square

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



C5603A



448D38



0091C1



A165BE

Rectangle

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



C5603A



8B7E10



0091C1



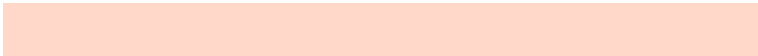
1B7FDB

Sweetspot

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



C5603A



FFD8C9



C53AA0



806860



000000



808080

Same Dimension

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



C5603A



FF6226



C5A53A



635C5A



A32D00



240A00

Inverse Universe

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



3A9FC5



26C4FF



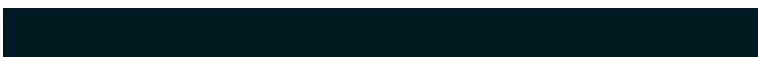
3A5AC5



5A6163



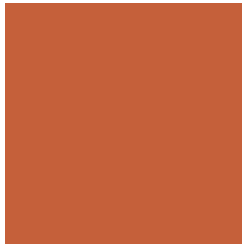
0077A3



001A24

Previews

White Background



This preview shows how the Hex color C5603A 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

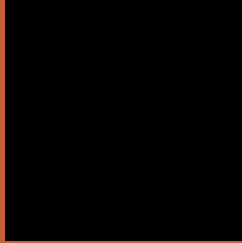
Any Text WCAG AA ✓ Pass

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 C5603A Background



This preview shows how black text looks on a background with the Hex color C5603A.



This preview shows how white text looks on a background with the Hex color C5603A.

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





Tritanopia
C75B61

Trichromacy



Original Color
C5603A

Protanomaly
9F7340

Deuteranomaly
AB6F37

Tritanomaly
C65D53

Monochromacy



Original Color
C5603A

Achromatopsia
7A7A7A

Achromatomaly
957163

CSS Examples

Text

The CSS property to change the color of the text to Hex C5603A 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 #C5603A looks like.

```
.text, #text, p{  
    color:#C5603A  
}
```

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 #C5603A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5603A
}
```

Border

The CSS property to change the border of an element to Hex C5603A is called "border". The border property can be set on classes, ids or directly on the HTML element.

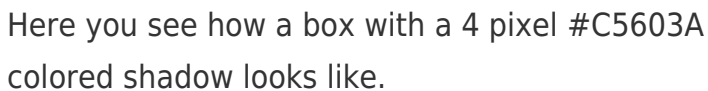
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C5603A }
```

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

```
.border{ border-color:#C5603A }
```

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, positioned to the right and bottom of the box.

Here you see how a box with a 4 pixel #C5603A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5603A; -webkit-box-shadow:4px 4px  
4px 4px #C5603A; box-shadow:4px 4px 4px  
4px #C5603A }
```

Background

The CSS property to change the background color of an element to Hex C5603A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5603A }
```

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

```
.background{ background-color:#C5603A }
```

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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