

Converting Colors

Hex(C76158)

Have a look what the booklet for
Hex(C76158) contains.

Hex(C76158)	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(C76158)

Conversions

Conversions Part 1

Format	Color
Hex	C76158
RGB	199, 97, 88
RGB Percent	78%, 38%, 35%
CMY	0.2196, 0.6196, 0.6549
CMYK	0.00, 0.51, 0.56, 0.22
HSL	5°, 50%, 56%
HSV	5°, 56%, 78%
XYZ	29.5893, 21.3961, 11.8028
YIQ	126.4720, 63.6810, 18.8250

Conversions

Conversions Part 2

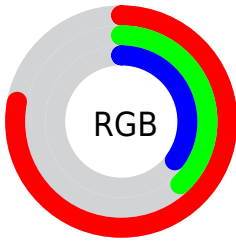
Format	Color
R _Y B	199, 98, 88
Decimal	13066584
CIE Lab	53.38, 39.82, 24.26
CIE LCh	53, 46.627, 31.352
Yxy	21.3961, 0.4713, 0.3408
Android (android.graphics.Color)	4291256664 (0xFFC76158)
YUV	126.4720, -18.9667, 63.6071
Hunter-Lab	46.2559, 33.2364, 17.2504

Details

The Hex color **C76158** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted orange. A complement of this color would be **58BEC7**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FF968A**, and **8C2E2A** is the 20% darker color. If you saturate the color by 10%, you get **C74F44**, and if you desaturate by 10%, it is **C7736C**.

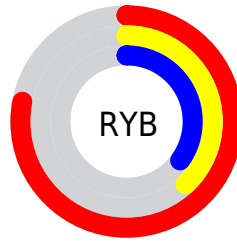
Distribution



Red (78%)

Green (38%)

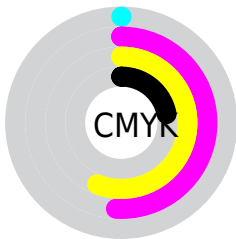
Blue (35%)



Red (78%)

Yellow (38%)

Blue (35%)

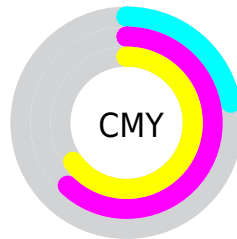


Cyan (0%)

Magenta (51%)

Yellow (56%)

Black (22%)



Cyan (22%)

Magenta (62%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color C76158 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 C76158 by changing the saturation by 10% instead.

 C76158

 C76158

FFFFFF

 A94741

 FF968A

 8C2E2A

 FFB1A4

 701216

 FFCDBF

 540000

 FFEADB

 390000

 FFFFF8

 180001

 000000

 C76158

 C76158

 C74F44

 C7736C

 C73C30

 C78680

 C72A1C

 C79894

 C71808

 C7AAA8

 C71000

 C7BCBC

 C7CFCF

 C7E1E3

 C7F3F7

 C7FFFF

Harmonies

Analogous

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



C85C7F



C76158



B46F39

Triad

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



C76158



329057



2C83D0

Complementary

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



C76158



58BEC7

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.



008EC5



C76158



009380

Square

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



C76158



6B8937



0093A8



8374C4

Rectangle

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



C76158



A0792C



0093A8



0087CF

Sweetspot

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



C76158



FFD7D4



C758C0



806866



000000



808080

Same Dimension

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



C76158



FF6254



C79758



635A5A



A30D00



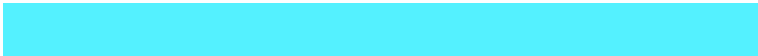
240300

Inverse Universe

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



58BEC7



54F1FF



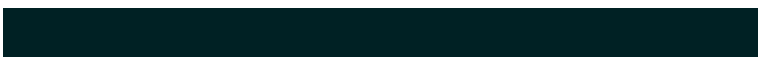
5888C7



5A6363



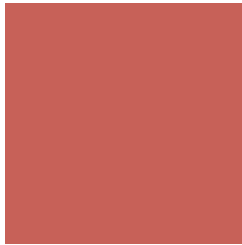
0096A3



002124

Previews

White Background



This preview shows how the Hex color C76158 looks on a white background.

Color Contrast Check

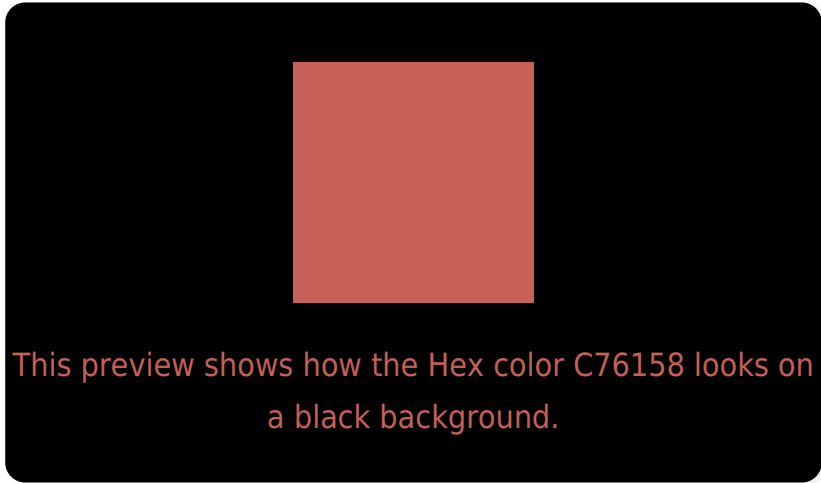
Large Text (above 18pt) WCAG AA ✓ Pass

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 C76158 Background



This preview shows how black text looks on a background with the Hex color C76158.



This preview shows how white text looks on a background with the Hex color C76158.

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
C85F66

Trichromacy



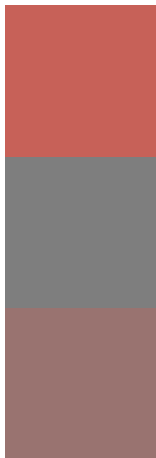
Original Color
C76158

Protanomaly
9F7560

Deuteranomaly
AA7155

Tritanomaly
C86061

Monochromacy



Original Color
C76158

Achromatopsia
7E7E7E

Achromatomaly
997370

CSS Examples

Text

The CSS property to change the color of the text to Hex C76158 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 #C76158 looks like.

```
.text, #text, p{  
    color:#C76158  
}
```

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 #C76158 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C76158
}
```

Border

The CSS property to change the border of an element to Hex C76158 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
#C76158 }
```

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

```
.border{ border-color:#C76158 }
```

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

Here you see how a box with a 4 pixel #C76158 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C76158; -webkit-box-shadow:4px 4px  
4px 4px #C76158; box-shadow:4px 4px 4px  
4px #C76158 }
```

Background

The CSS property to change the background color of an element to Hex C76158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C76158 }
```

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

```
.background{ background-color:#C76158 }
```

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