

# Converting Colors

Hex(C2903C)

Have a look what the booklet for  
Hex(C2903C) contains.

|  |    |
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**Color**

**Hex(C2903C)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | C2903C                      |
| RGB         | 194, 144, 60                |
| RGB Percent | 76%, 56%, 24%               |
| CMY         | 0.2392, 0.4353, 0.7647      |
| CMYK        | 0.00, 0.26, 0.69, 0.24      |
| HSL         | 38°, 53%, 50%               |
| HSV         | 38°, 69%, 76%               |
| XYZ         | 33.0370, 31.7421, 8.6606    |
| YIQ         | 149.3740, 56.7640, -15.5240 |

# Conversions

## Conversions Part 2

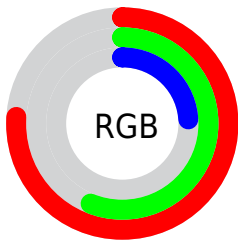
| Format   | Color                                       |
|--|---|
| <a href="#">RYB</a>                                  | <a href="#">140, 194, 60</a>                |
| Decimal  | <a href="#">12750908</a>                    |
| <a href="#">CIELab</a>                               | <a href="#">63.13, 10.48, 50.42</a>         |
| <a href="#">CIELCh</a>                               | <a href="#">63, 51.495, 78.259</a>          |
| <a href="#">Yxy</a>                                  | <a href="#">31.7421, 0.4499, 0.4322</a>     |
| <a href="#">Android<br/>(android.graphics.Color)</a> | <a href="#">4290940988<br/>(0xFFC2903C)</a> |
| <a href="#">YUV</a>                                  | <a href="#">149.3740, -44.0614, 39.1370</a> |
| <a href="#">Hunter-Lab</a>                           | <a href="#">56.3401, 6.0745, 30.3241</a>    |

# Details

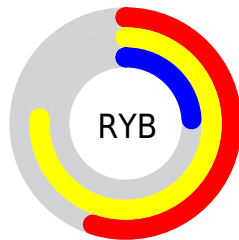
The Hex color **C2903C** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **3C6EC2**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FEC66F**, and **885E02** is the 20% darker color. If you saturate the color by 10%, you get **C28929**, and if you desaturate by 10%, it is **C2974F**.

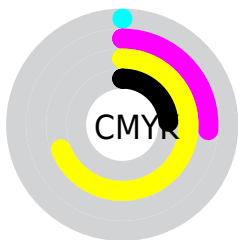
# Distribution



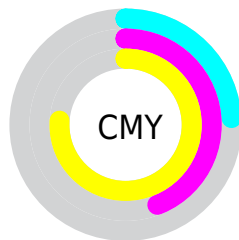
- Red (76%)
- Green (56%)
- Blue (24%)



- Red (55%)
- Yellow (76%)
- Blue (24%)



- Cyan (0%)
- Magenta (26%)
- Yellow (69%)
- Black (24%)



- Cyan (24%)
- Magenta (44%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C2903C 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 C2903C by changing the saturation by 10% instead.



 C2903C

 C2903C

FFFFFF

 A57622

 FEC66F

 885E02

 FFE28A

 6C4600

 FFFEA5

 513000

 FFFFFC1

 371B00

 FFFFDD

 1F0300

 FFFFFA

 000000

 C2903C

 C2903C

 C28929

 C2974F

 C28215

 C29E63

 C27A02

 C2A676

 C27A00

 C2AD8A

 C2B49D

 C2BBB0

 C2C3C4

 C2CAD7

 C2D1EB

# Harmonies

## Analogous

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



E17F56



C2903C



989F3D

# Triad

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



C2903C



00B0B4



BF81D6

# Complementary

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



C2903C



3C6EC2

# 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.



7C94F0



C2903C



00ACDC

# Square

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



C2903C



00AE85



00A3F2



E473AD

# Rectangle

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



C2903C



76A64D



00A3F2



AC88E1



# Sweetspot

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



C2903C



FCE9C7



C23C6F



807460



000000



808080



# Same Dimension

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



C2903C



FCAE2B



B2C23C



615D57



A16500



211500



# Inverse Universe

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



3C6EC2



2B79FC



4C3CC2



575B61



003CA1



000C21



# Previews

## White Background



This preview shows how the Hex color C2903C looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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



## Hex C2903C Background



This preview shows how black text looks on a background with the Hex color C2903C.



This preview shows how white text looks on a background with the Hex color C2903C.

# 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](#).

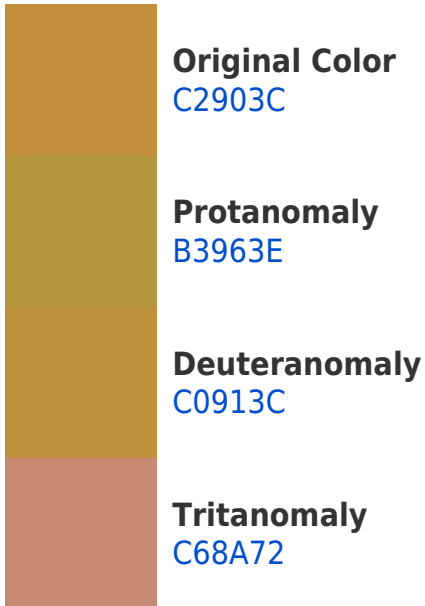
## Dichromacy



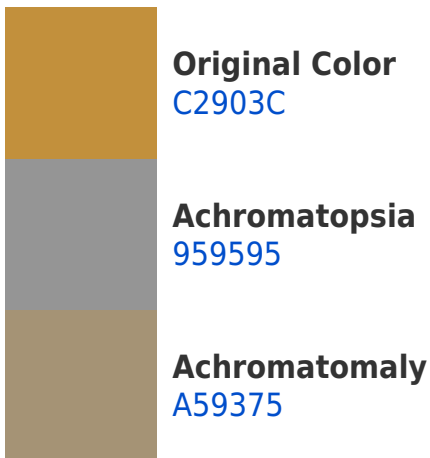


**Tritanopia**  
C88791

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C2903C 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 #C2903C looks like.

```
.text, #text, p{  
    color:#C2903C  
}
```

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 #C2903C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2903C
}
```

## Border

The CSS property to change the border of an element to Hex C2903C 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
#C2903C }
```

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

```
.border{ border-color:#C2903C }
```

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

Here you see how a box with a 4 pixel #C2903C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2903C; -webkit-box-shadow:4px 4px  
4px 4px #C2903C; box-shadow:4px 4px 4px  
4px #C2903C }
```

# Background

The CSS property to change the background color of an element to Hex C2903C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2903C }
```

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

```
.background{ background-color:#C2903C }
```

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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