

# Converting Colors

Hex(C29638)

Have a look what the booklet for  
Hex(C29638) contains.

<b>Hex(C29638)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(C29638)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C29638
RGB	194, 150, 56
RGB Percent	76%, 59%, 22%
CMY	0.2392, 0.4118, 0.7804
CMYK	0.00, 0.23, 0.71, 0.24
HSL	41°, 55%, 49%
HSV	41°, 71%, 76%
XYZ	33.8683, 33.5676, 8.4355
YIQ	152.4400, 56.3980, -19.9060

# Conversions

## Conversions Part 2

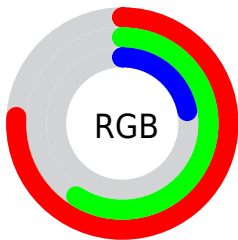
Format	Color
<a href="#">RYB</a>	<a href="#">121, 194, 56</a>
Decimal	<a href="#">12752440</a>
CIELab	<a href="#">64.62, 6.99, 53.74</a>
CIElCh	<a href="#">65, 54.188, 82.592</a>
Yxy	<a href="#">33.5676, 0.4464, 0.4424</a>
Android (android.graphics.Color)	<a href="#">4290942520</a> ( <a href="#">0xFFC29638</a> )
YUV	<a href="#">152.4400, -47.5449, 36.4481</a>
Hunter-Lab	<a href="#">57.9375, 2.9544, 31.9238</a>

# Details

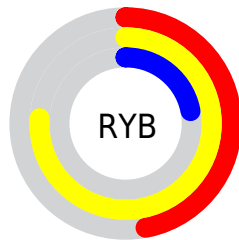
The Hex color **C29638** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **3864C2**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FECC6C**, and **886400** is the 20% darker color. If you saturate the color by 10%, you get **C29025**, and if you desaturate by 10%, it is **C29C4B**.

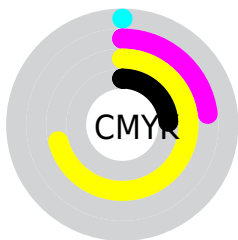
# Distribution



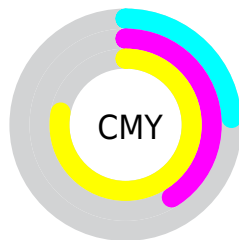
- Red (76%)
- Green (59%)
- Blue (22%)



- Red (47%)
- Yellow (76%)
- Blue (22%)



- Cyan (0%)
- Magenta (23%)
- Yellow (71%)
- Black (24%)



- Cyan (24%)
- Magenta (41%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C29638 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 C29638 by changing the saturation by 10% instead.





C29638



C29638

FFFFFF



A57C1D



FECC6C



886400



FFE887



6D4C00



FFFFA2



513500



FFFFBE



372000



FFFFDA



1F0B00



FFFFF7



000000



C29638



C29638



C29025



C29C4B

 C28A11

 C2A25F

 C28400

 C2A972

 C2AF86

 C2B599

 C2BBAC

 C2C1C0

 C2C7D3

 C2CEE7

# Harmonies

## Analogous

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



E58451



C29638



94A53E

# Triad

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



C29638



00B4C0



CC81D8

# Complementary

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



C29638



3864C2

# 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.



8B95F6



C29638



00B0E9

# Square

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



C29638



00B48F



00A6FD



EF73AB

# Rectangle

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



C29638



6FAC52



00A6FD



BA88E4



# Sweetspot

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



C29638



FCECC7



C23866



807560



000000



808080



# Same Dimension

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



C29638



FCB826



ABC238



615E57



A16D00



211700



# Inverse Universe

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



3864C2



266AFC



4F38C2



575A61



0033A1



000B21



# Previews

## White Background



This preview shows how the Hex color C29638 looks on a white background.

## Color Contrast Check

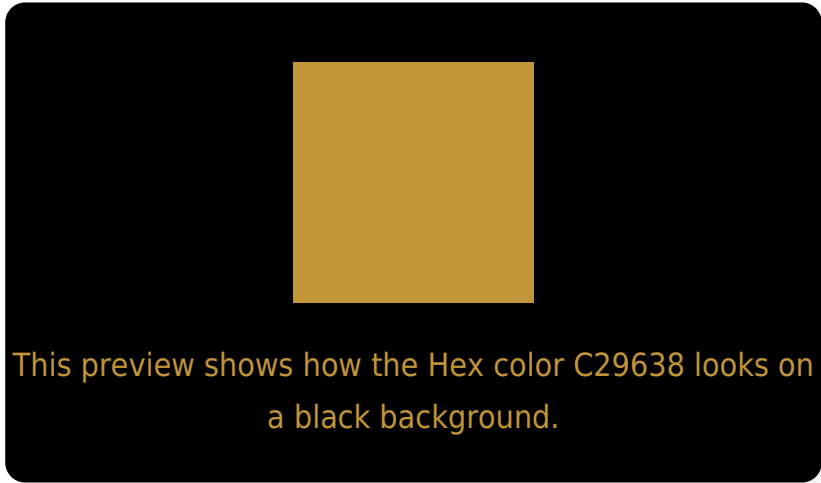
Large Text (above 18pt) WCAG AA × Fail

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 C29638 Background



This preview shows how black text looks on a background with the Hex color C29638.



This preview shows how white text looks on a background with the Hex color C29638.

# 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](#).

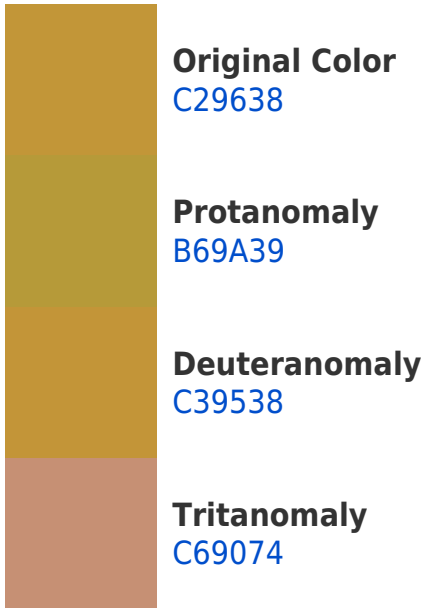
## Dichromacy



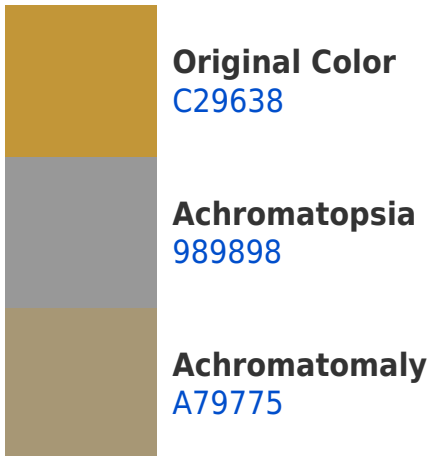


**Tritanopia**  
C98C97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C29638 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 #C29638 looks like.

```
.text, #text, p{  
    color:#C29638  
}
```

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 #C29638 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C29638
}
```

## Border

The CSS property to change the border of an element to Hex C29638 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
#C29638 }
```

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

```
.border{ border-color:#C29638 }
```

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

Here you see how a box with a 4 pixel #C29638 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C29638; -webkit-box-shadow:4px 4px  
4px 4px #C29638; box-shadow:4px 4px 4px  
4px #C29638 }
```

# Background

The CSS property to change the background color of an element to Hex C29638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C29638 }
```

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

```
.background{ background-color:#C29638 }
```

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