

# Converting Colors

Hex(C3964D)

Have a look what the booklet for  
Hex(C3964D) contains.

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**Color**

**Hex(C3964D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3964D
RGB	195, 150, 77
RGB Percent	76%, 59%, 30%
CMY	0.2353, 0.4118, 0.6980
CMYK	0.00, 0.23, 0.61, 0.24
HSL	37°, 50%, 53%
HSV	37°, 61%, 76%
XYZ	34.7516, 33.9506, 11.7427
YIQ	155.1330, 50.2530, -13.1630

# Conversions

## Conversions Part 2

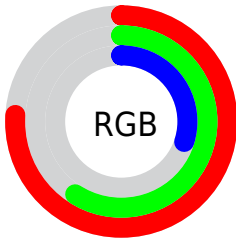
Format	Color
<a href="#">RYB</a>	<a href="#">150, 195, 77</a>
Decimal	<a href="#">12817997</a>
CIELab	<a href="#">64.92, 8.72, 44.32</a>
CIELCh	<a href="#">65, 45.175, 78.864</a>
Yxy	<a href="#">33.9506, 0.4320, 0.4220</a>
Android (android.graphics.Color)	<a href="#">4291008077</a> ( <a href="#">0xFFC3964D</a> )
YUV	<a href="#">155.1330, -38.5196, 34.9634</a>
Hunter-Lab	<a href="#">58.2672, 4.4931, 28.8382</a>

# Details

The Hex color **C3964D** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **4D7AC3**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FECC80**, and **8A631B** is the 20% darker color. If you saturate the color by 10%, you get **C38F3A**, and if you desaturate by 10%, it is **C39D61**.

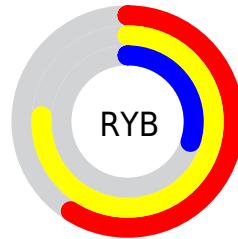
# Distribution



Red (76%)

Green (59%)

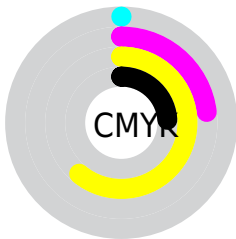
Blue (30%)



Red (59%)

Yellow (76%)

Blue (30%)

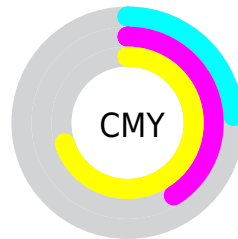


Cyan (0%)

Magenta (23%)

Yellow (61%)

Black (24%)



Cyan (24%)

Magenta (41%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C3964D 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 C3964D by changing the saturation by 10% instead.



 C3964D

 C3964D

FFFFFF

 A67C34

 FECC80

 8A631B

 FFE89B

 6E4C00

 FFFFFB6

 543500

 FFFFFD2

 392000

 FFFFFEF

 210A00

 000000

 C3964D

 C3964D

 C38F3A

 C39D61

 C38726

 C3A574

 C38012

 C3AC87

 C37900

 C3B49B

 C3BBAF

 C3C3C2

 C3CAD6

 C3D1E9

 C3D9FD

# Harmonies

## Analogous

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



DF8762



C3964D



9DA34E

# Triad

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



C3964D



00B2B6



C189D3

# Complementary

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



C3964D



4D7AC3

# 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.



8999EA



C3964D



00AFD9

# Square

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



C3964D



29B18D



2CA6EC



E17EAE

# Rectangle

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



C3964D



7FAA5C



2CA6EC



B18EDD

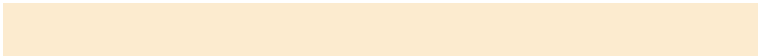


# Sweetspot

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



C3964D



FCEBCF



C34D7A



807563



000000



808080



# Same Dimension

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



C3964D



FCB644



B5C34D



615D57



A16300



211500



# Inverse Universe

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



4D7AC3



448AFC



5B4DC3



575B61



003DA1

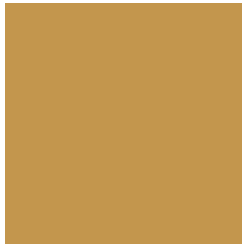


000D21



# Previews

## White Background



This preview shows how the Hex color C3964D looks on a white background.

## Color Contrast Check

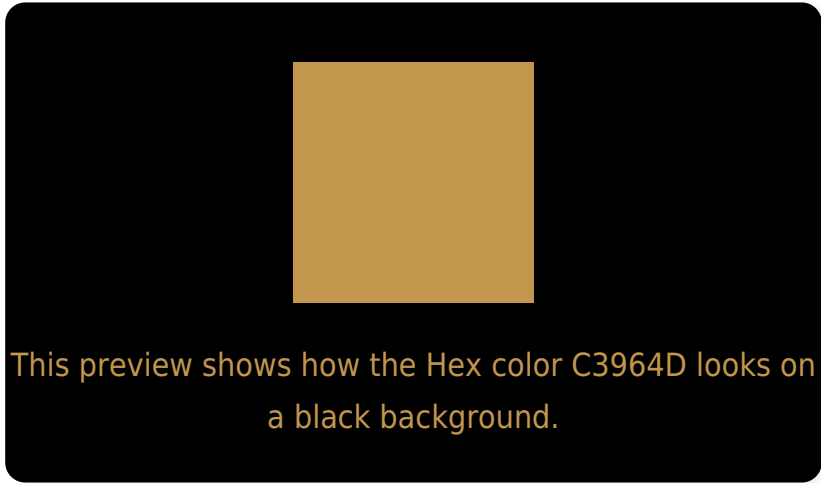
Large Text (above 18pt) WCAG AA × Fail

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

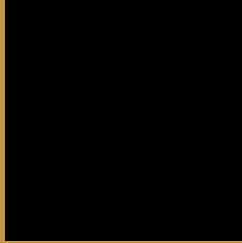
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C3964D Background



This preview shows how black text looks on a background with the Hex color C3964D.



This preview shows how white text looks on a background with the Hex color C3964D.

# 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**  
C3964D

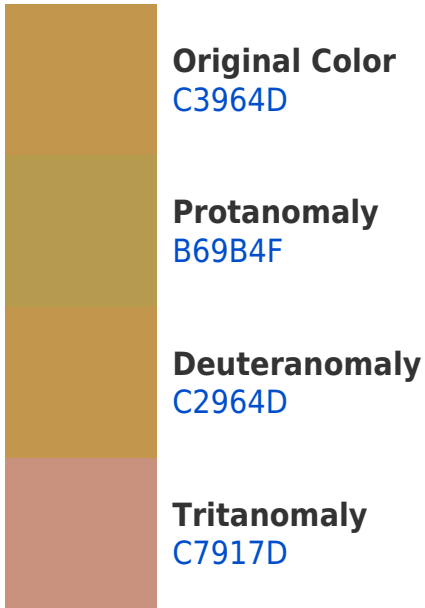
**Protanopia**  
AE9E50

**Deuteranopia**  
C2964D

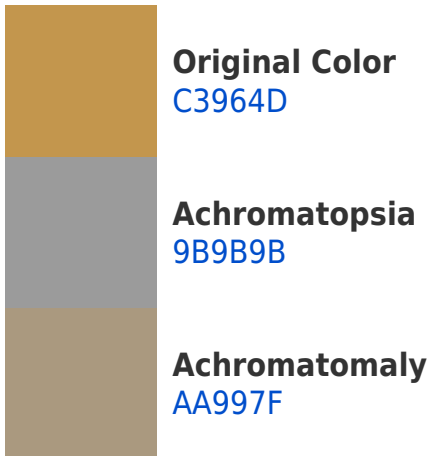


**Tritanopia**  
C98E98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C3964D 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 #C3964D looks like.

```
.text, #text, p{  
    color:#C3964D  
}
```

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 #C3964D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3964D
}
```

## Border

The CSS property to change the border of an element to Hex C3964D 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
#C3964D }
```

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

```
.border{ border-color:#C3964D }
```

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

Here you see how a box with a 4 pixel #C3964D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3964D; -webkit-box-shadow:4px 4px  
4px 4px #C3964D; box-shadow:4px 4px 4px  
4px #C3964D }
```

# Background

The CSS property to change the background color of an element to Hex C3964D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3964D }
```

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

```
.background{ background-color:#C3964D }
```

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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