

# Converting Colors

Hex(C4962E)

Have a look what the booklet for  
Hex(C4962E) contains.

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# **Color**

**Hex(C4962E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4962E
RGB	196, 150, 46
RGB Percent	77%, 59%, 18%
CMY	0.2314, 0.4118, 0.8196
CMYK	0.00, 0.23, 0.77, 0.23
HSL	42°, 62%, 47%
HSV	42°, 77%, 77%
XYZ	34.1644, 33.7457, 7.2977
YIQ	151.8980, 60.8000, -22.5920

# Conversions

## Conversions Part 2

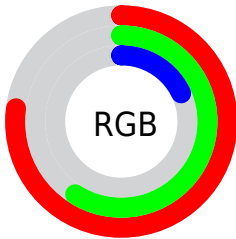
<b>Format</b>	<b>Color</b>
<b>RYB</b>	112, 196, 46
Decimal	12883502
CIELab	64.76, 7.40, 58.00
CIELCh	65, 58.472, 82.726
Yxy	33.7457, 0.4543, 0.4487
Android (android.graphics.Color)	4291073582 (0xFFC4962E)
YUV	151.8980, -52.2077, 38.6775
Hunter-Lab	58.0911, 3.3198, 33.2154

# Details

The Hex color **C4962E** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **2E5CC4**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFCC63**, and **8A6400** is the 20% darker color. If you saturate the color by 10%, you get **C4901A**, and if you desaturate by 10%, it is **C49C42**.

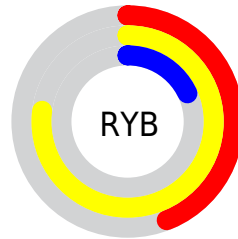
# Distribution



Red (77%)

Green (59%)

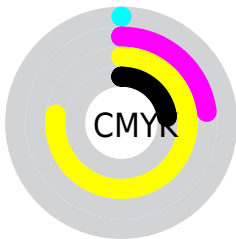
Blue (18%)



Red (44%)

Yellow (77%)

Blue (18%)

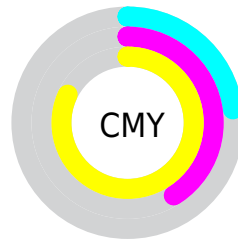


Cyan (0%)

Magenta (23%)

Yellow (77%)

Black (23%)



Cyan (23%)

Magenta (41%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4962E 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 C4962E by changing the saturation by 10% instead.



 C4962E

 C4962E

FFFFFF

 A77C0E

 FFCC63

 8A6400

 FFE87E

 6E4C00

 FFFF99

 523500

 FFFFFB5

 382000

 FFFFFD1

 1F0B00

 FFFFFEE

 000000

 C4962E

 C4962E

 C4901A

 C49C42

 C48A07

 C4A255

 C48800

 C4A869

 C4AE7C

 C4B490

 C4BAA4

 C4C0B7

 C4C6CB

 C4CCDE

# Harmonies

## Analogous

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



E9824B



C4962E



92A635

# Triad

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



C4962E



00B6C4



D07EDD

# Complementary

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



C4962E



2E5CC4

# 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.



8895FE



C4962E



00B2EF

# Square

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



C4962E



00B68E



00A7FF



F66EAC

# Rectangle

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



C4962E



6AAE4C



00A7FF



BD86EA



# Sweetspot

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



C4962E



FFEDC4



C42E5E



80755C



000000



808080



# Same Dimension

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



C4962E



FFB714



A9C42E



615E57



A16F00



211700



# Inverse Universe

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



2E5CC4



145CFF



4A2EC4



575A61



0031A1



000A21



# Previews

## White Background



This preview shows how the Hex color C4962E looks on a white background.

## Color Contrast Check

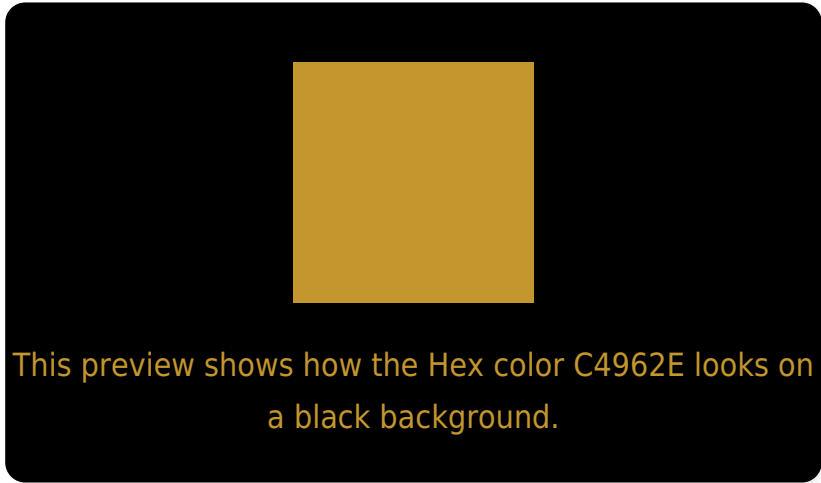
Large Text (above 18pt) WCAG AA × Fail

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 C4962E Background



This preview shows how black text looks on a background with the Hex color C4962E.

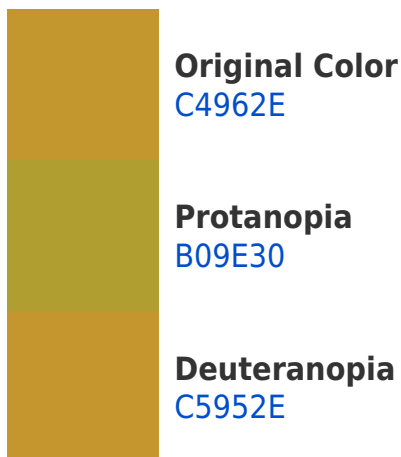


This preview shows how white text looks on a background with the Hex color C4962E.

# 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](#).

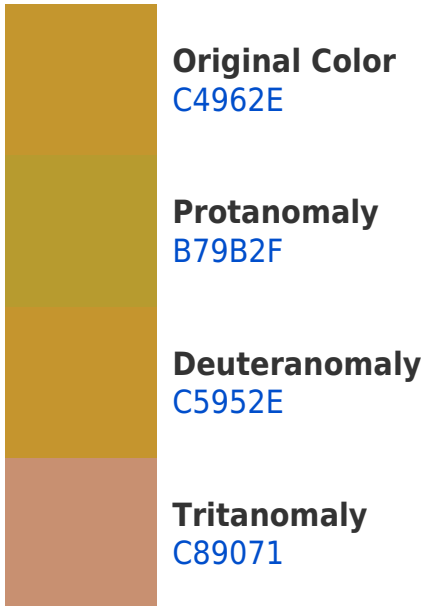
## Dichromacy





**Tritanopia**  
CB8C97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4962E 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 #C4962E looks like.

```
.text, #text, p{  
    color:#C4962E  
}
```

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 #C4962E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4962E
}
```

## Border

The CSS property to change the border of an element to Hex C4962E 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
#C4962E }
```

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

```
.border{ border-color:#C4962E }
```

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

Here you see how a box with a 4 pixel #C4962E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4962E; -webkit-box-shadow:4px 4px  
4px 4px #C4962E; box-shadow:4px 4px 4px  
4px #C4962E }
```

# Background

The CSS property to change the background color of an element to Hex C4962E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4962E }
```

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

```
.background{ background-color:#C4962E }
```

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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