

# Converting Colors

Hex(E6A632)

Have a look what the booklet for  
Hex(E6A632) contains.

<b>Hex(E6A632)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(E6A632)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6A632
RGB	230, 166, 50
RGB Percent	90%, 65%, 20%
CMY	0.0980, 0.3490, 0.8039
CMYK	0.00, 0.28, 0.78, 0.10
HSL	39°, 78%, 55%
HSV	39°, 78%, 90%
XYZ	46.8451, 44.3257, 9.1043
YIQ	171.9120, 75.3800, -22.5080

# Conversions

## Conversions Part 2

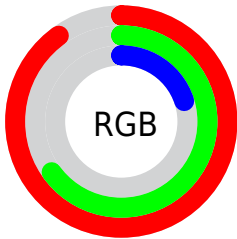
Format	Color
<a href="#">RYB</a>	<a href="#">149, 230, 50</a>
Decimal	<a href="#">15115826</a>
<a href="#">CIELab</a>	<a href="#">72.45, 13.72, 65.04</a>
<a href="#">CIElCh</a>	<a href="#">72, 66.468, 78.086</a>
<a href="#">Yxy</a>	<a href="#">44.3257, 0.4672, 0.4420</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4293305906 (0xFFE6A632)</a>
<a href="#">YUV</a>	<a href="#">171.9120, -60.1026, 50.9432</a>
<a href="#">Hunter-Lab</a>	<a href="#">66.5776, 9.0848, 38.4965</a>

# Details

The Hex color **E6A632** is a light color, and the websafe version is hex **CC9900**. The color can be described as light washed orange. A complement of this color would be **3272E6**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFDD69**, and **A97200** is the 20% darker color. If you saturate the color by 10%, you get **E69E1B**, and if you desaturate by 10%, it is **E6AE49**.

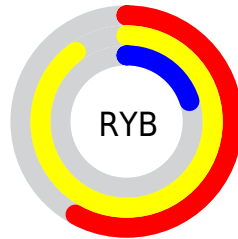
# Distribution



Red (90%)

Green (65%)

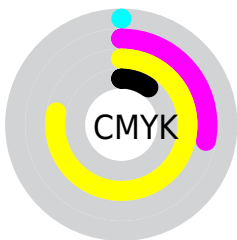
Blue (20%)



Red (58%)

Yellow (90%)

Blue (20%)

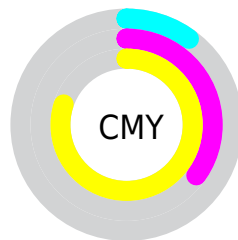


Cyan (0%)

Magenta (28%)

Yellow (78%)

Black (10%)



Cyan (10%)

Magenta (35%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E6A632 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 E6A632 by changing the saturation by 10% instead.



 E6A632

 E6A632

FFFFFF

 C88C10

 FFDD69

 A97200

 FFF984

 8C5A00

 FFFFA0

 6F4300

 FFFFBC

 532D00

 FFFFD9

 381800

 FFFFF6

 210000

 000000

 E6A632

 E6A632

 E69E1B

 E6AE49

 E69604

 E6B660

 E69400

 E6BF77

 E6C78E

 E6CFA5

 E6D7BC

 E6DFD3

 E6E7EA

 E6F0FF

# Harmonies

## Analogous

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



FF8E59



E6A632



AEBA32

# Triad

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



E6A632



00CFD6



E392FF

# Complementary

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



E6A632



3272E6

# 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.



86ACFF



E6A632



00CBFF

# Square

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



E6A632



00CD97



00BFFF



FF7CCD

# Rectangle

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



E6A632



81C34B



00BFFF



CA9AFF



# Sweetspot

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



E6A632



FFEAC4



E63274



80735C



000000



808080



# Same Dimension

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



E6A632



FFAA0F



CEE632



736F67



B37300



332100



# Inverse Universe

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



3272E6



0F65FF



4A32E6



676B73



003FB3



001233



# Previews

## White Background



This preview shows how the Hex color E6A632 looks on a white background.

## Color Contrast Check

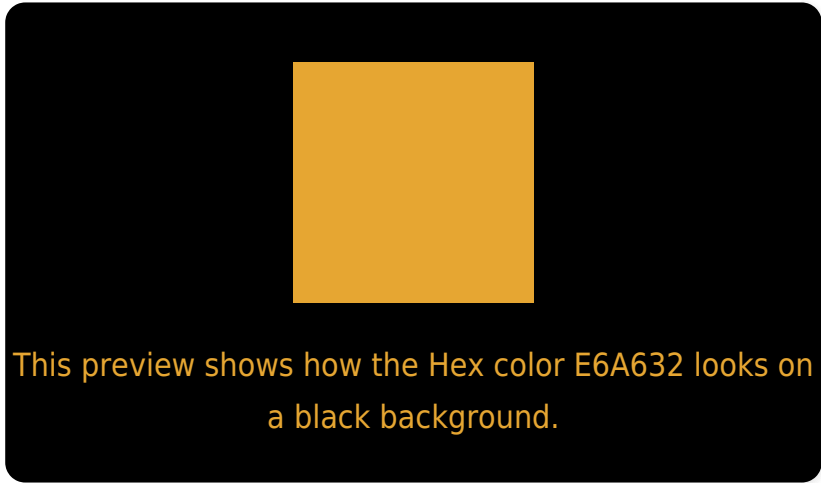
Large Text (above 18pt) WCAG AA × Fail

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 E6A632 Background



This preview shows how black text looks on a background with the Hex color E6A632.



This preview shows how white text looks on a background with the Hex color E6A632.

# 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**  
E6A632

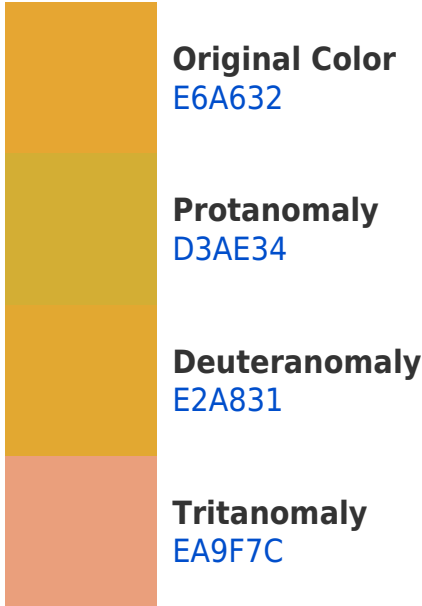
**Protanopia**  
C8B235

**Deuteranopia**  
E0A931

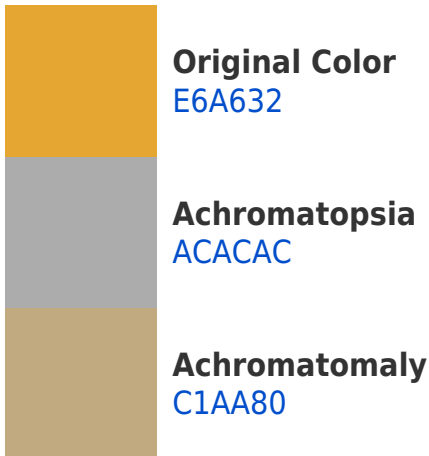


**Tritanopia**  
ED9BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E6A632 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 #E6A632 looks like.

```
.text, #text, p{  
    color:#E6A632  
}
```

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 #E6A632 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6A632
}
```

## Border

The CSS property to change the border of an element to Hex E6A632 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
#E6A632 }
```

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

```
.border{ border-color:#E6A632 }
```

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

Here you see how a box with a 4 pixel #E6A632 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6A632; -webkit-box-shadow:4px 4px  
4px 4px #E6A632; box-shadow:4px 4px 4px  
4px #E6A632 }
```

# Background

The CSS property to change the background color of an element to Hex E6A632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6A632 }
```

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

```
.background{ background-color:#E6A632 }
```

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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