

# Converting Colors

Hex(E69705)

Have a look what the booklet for  
Hex(E69705) contains.

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**Color**

**Hex(E69705)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E69705
RGB	230, 151, 5
RGB Percent	90%, 59%, 2%
CMY	0.0980, 0.4078, 0.9804
CMYK	0.00, 0.34, 0.98, 0.10
HSL	39°, 96%, 46%
HSV	39°, 98%, 90%
XYZ	43.7271, 38.9672, 5.3603
YIQ	157.9770, 93.9500, -28.6580

# Conversions

## Conversions Part 2

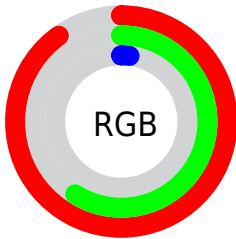
Format	Color
<a href="#">RYB</a>	<a href="#">127, 230, 5</a>
Decimal	<a href="#">15111941</a>
CIELab	<a href="#">68.73, 20.78, 72.78</a>
CIELCh	<a href="#">69, 75.691, 74.063</a>
Yxy	<a href="#">38.9672, 0.4966, 0.4425</a>
Android (android.graphics.Color)	<a href="#">4293302021 (0xFFE69705)</a>
YUV	<a href="#">157.9770, -75.4177, 63.1642</a>
Hunter-Lab	<a href="#">62.4237, 15.7959, 38.6053</a>

# Details

The Hex color **E69705** is a dark color, and the websafe version is hex **FF9900**. The color can be described as dark washed orange. A complement of this color would be **0554E6**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFCD4D**, and **A86400** is the 20% darker color. If you saturate the color by 10%, you get **E69500**, and if you desaturate by 10%, it is **E69F1C**.

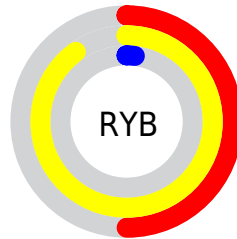
# Distribution



Red (90%)

Green (59%)

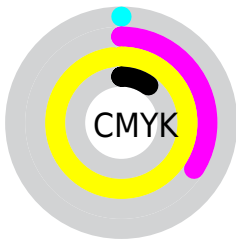
Blue (2%)



Red (50%)

Yellow (90%)

Blue (2%)

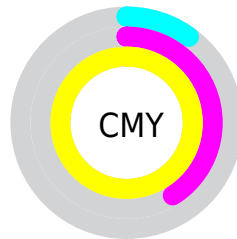


Cyan (0%)

Magenta (34%)

Yellow (98%)

Black (10%)



Cyan (10%)

Magenta (41%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E69705 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 E69705 by changing the saturation by 10% instead.



 E69705

 E69705

FFFFFF

 C77D00

 FFCD4D

 A86400

 FFE969

 8A4C00

 FFFF85

 6D3500

 FFFFA1

 501F00

 FFFFBD

 350A00

 FFFFDA

 1D0001

 FFFFF8

 000000

 E69705

 E69705

 E69500

 E69F1C

 E6A733

 E6AF4A

 E6B761

 E6BF78

 E6C78F

 E6D0A6

 E6D8BD

 E6E0D4

# Harmonies

## Analogous

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



FF794A



E69705



AAAE00

# Triad

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



E69705



00C7C7



D386FF

# Complementary

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



E69705



0554E6

# 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.



4DA5FF



E69705



00C4FF

# Square

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



E69705



00C580



00BAFF



FF68CF

# Rectangle

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



E69705



79B925



00BAFF



B391FF



# Sweetspot

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



E69705



FFE5B5



E60558



807053



000000



808080



# Same Dimension

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



E69705



FFA500



C8E605



736F67



B37400



332100



# Inverse Universe

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



0554E6



005AFF



2305E6



676B73



003FB3



001233



# Previews

## White Background



This preview shows how the Hex color E69705 looks on a white background.

## Color Contrast Check

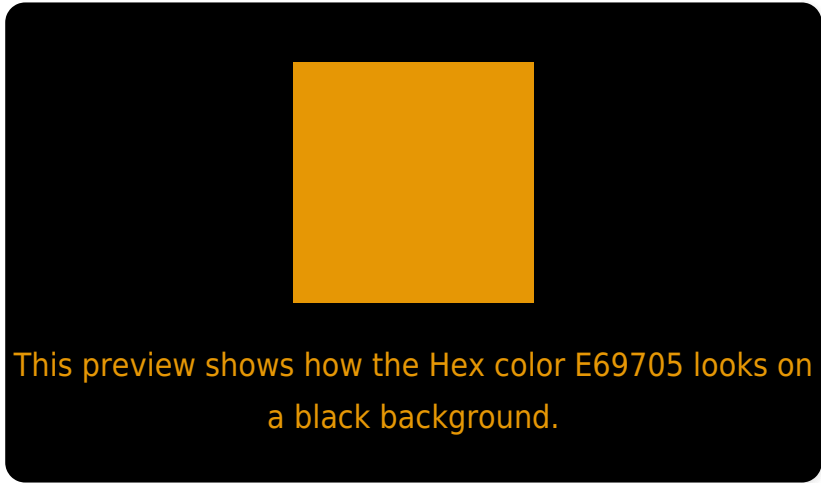
Large Text (above 18pt) WCAG AA × Fail

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 E69705 Background



This preview shows how black text looks on a background with the Hex color E69705.

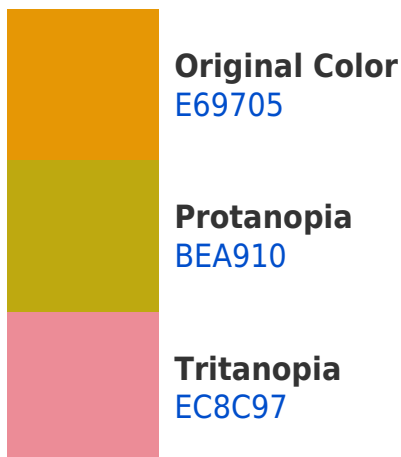


This preview shows how white text looks on a background with the Hex color E69705.

# 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



# Trichromacy



**Original Color**  
E69705

**Protanomaly**  
CDA20C

**Tritanomaly**  
EA9062

# Monochromacy



**Original Color**  
E69705

**Achromatopsia**  
9E9E9E

**Achromatomaly**  
B89B66

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E69705 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 #E69705 looks like.

```
.text, #text, p{  
    color:#E69705  
}
```

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 #E69705 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E69705
}
```

## Border

The CSS property to change the border of an element to Hex E69705 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
#E69705 }
```

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

```
.border{ border-color:#E69705 }
```

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

Here you see how a box with a 4 pixel #E69705 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E69705; -webkit-box-shadow:4px 4px  
4px 4px #E69705; box-shadow:4px 4px 4px  
4px #E69705 }
```

# Background

The CSS property to change the background color of an element to Hex E69705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E69705 }
```

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

```
.background{ background-color:#E69705 }
```

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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