

# Converting Colors

Hex(E69049)

Have a look what the booklet for  
Hex(E69049) contains.

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**Color**

**Hex(E69049)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E69049
RGB	230, 144, 73
RGB Percent	90%, 56%, 29%
CMY	0.0980, 0.4353, 0.7137
CMYK	0.00, 0.37, 0.68, 0.10
HSL	27°, 76%, 59%
HSV	27°, 68%, 90%
XYZ	43.8090, 37.2506, 11.1844
YIQ	161.6200, 74.0470, -3.8490

# Conversions

## Conversions Part 2

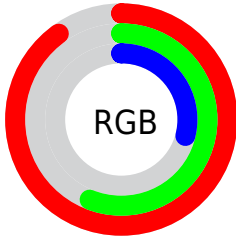
<b>Format</b>	<b>Color</b>
<b>RYB</b>	230, 203, 73
Decimal	15110217
CIELab	67.46, 26.47, 50.24
CIELCh	67, 56.784, 62.218
Yxy	37.2506, 0.4749, 0.4038
Android (android.graphics.Color)	4293300297 (0xFFE69049)
YUV	161.6200, -43.6897, 59.9693
Hunter-Lab	61.0332, 21.3172, 31.8583

# Details

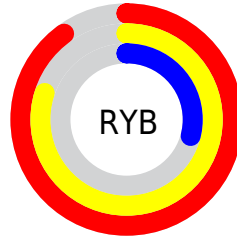
The Hex color **E69049** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **499FE6**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFC67C**, and **AA5D16** is the 20% darker color. If you saturate the color by 10%, you get **E68332**, and if you desaturate by 10%, it is **E69D60**.

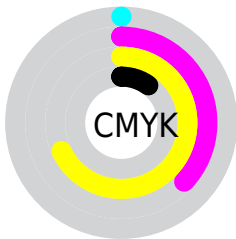
# Distribution



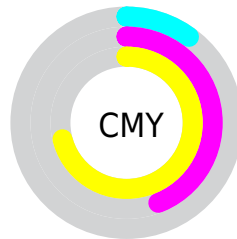
- Red (90%)
- Green (56%)
- Blue (29%)



- Red (90%)
- Yellow (80%)
- Blue (29%)



- Cyan (0%)
- Magenta (37%)
- Yellow (68%)
- Black (10%)



- Cyan (10%)
- Magenta (44%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E69049 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 E69049 by changing the saturation by 10% instead.



 E69049

 E69049

FFFFFF

 C87630

 FFC67C

 AA5D16

 FFE297

 8C4500

 FFFFB2

 6F2D00

 FFFFCE

 531700

 FFFFEB

 370100

 1D0001

 000000

 E69049

 E69049

 E68332

 E69D60

 E6771B

 E6A977

 E66A04

 E6B68E

 E66800

 E6C2A5

 E6CFBC

 E6DCD3

 E6E8EA

 E6F5FF

 E6FFFF

# Harmonies

## Analogous

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



FF7E71



E69049



BDA337

# Triad

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



E69049



00BDA7



AB95FB

# Complementary

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



E69049



499FE6

# 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.



3EA9FF



E69049



00BCD9

# Square

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



E69049



3EBA72



00B6FE



E681D5

# Rectangle

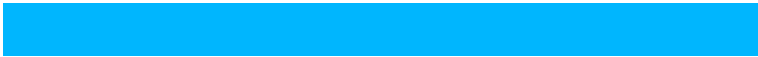
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E69049



9BAD3F



00B6FE



909CFF



# Sweetspot

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



E69049



FFE3CC



E6499F



806F61



000000



808080



# Same Dimension

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



E69049



FF8C2E



E6DE49



736C67



B35100



331700



# Inverse Universe

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



499FE6



2EA0FF



4951E6



676E73



0062B3



001C33



# Previews

## White Background



This preview shows how the Hex color E69049 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

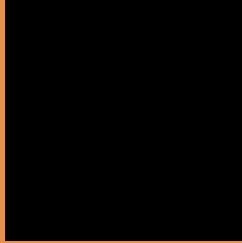
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E69049 Background



This preview shows how black text looks on a background with the Hex color E69049.

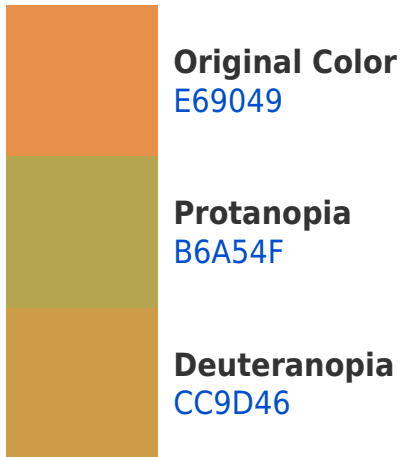


This preview shows how white text looks on a background with the Hex color E69049.

# 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](#).

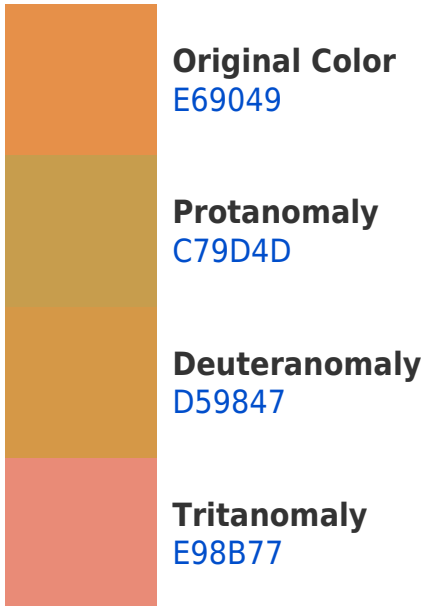
## Dichromacy



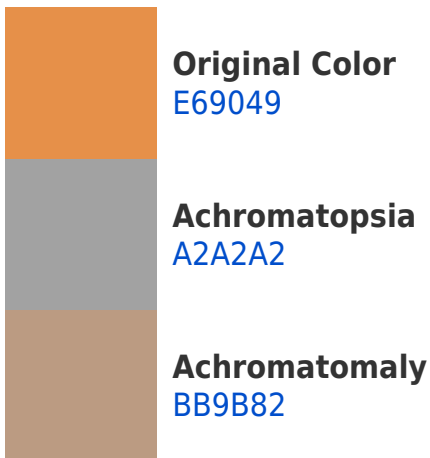


**Tritanopia**  
EB8892

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E69049 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 #E69049 looks like.

```
.text, #text, p{  
    color:#E69049  
}
```

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 #E69049 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E69049
}
```

## Border

The CSS property to change the border of an element to Hex E69049 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
#E69049 }
```

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

```
.border{ border-color:#E69049 }
```

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

Here you see how a box with a 4 pixel #E69049 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E69049; -webkit-box-shadow:4px 4px  
4px 4px #E69049; box-shadow:4px 4px 4px  
4px #E69049 }
```

# Background

The CSS property to change the background color of an element to Hex E69049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E69049 }
```

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

```
.background{ background-color:#E69049 }
```

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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