

# Converting Colors

Hex(E09545)

Have a look what the booklet for  
Hex(E09545) contains.

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**Color**

**Hex(E09545)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E09545
RGB	224, 149, 69
RGB Percent	88%, 58%, 27%
CMY	0.1216, 0.4157, 0.7294
CMYK	0.00, 0.33, 0.69, 0.12
HSL	31°, 71%, 57%
HSV	31°, 69%, 88%
XYZ	42.5621, 37.7719, 10.6777
YIQ	162.3050, 70.3800, -8.9800

# Conversions

## Conversions Part 2

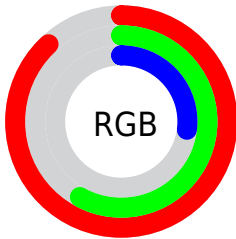
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	214, 224, 69
Decimal	14718277
CIE <sub>Lab</sub>	67.85, 21.10, 52.34
CIE <sub>LCh</sub>	68, 56.435, 68.047
Yxy	37.7719, 0.4677, 0.4150
Android (android.graphics.Color)	4292908357 (0xFFE09545)
YUV	162.3050, -45.9994, 54.1065
Hunter-Lab	61.4588, 16.0637, 32.7203

# Details

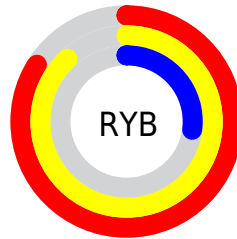
The Hex color **E09545** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **4590E0**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFCB79**, and **A4620F** is the 20% darker color. If you saturate the color by 10%, you get **E08A2F**, and if you desaturate by 10%, it is **E0A05B**.

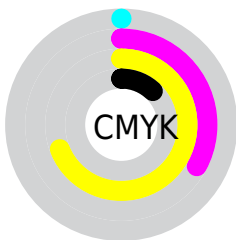
# Distribution



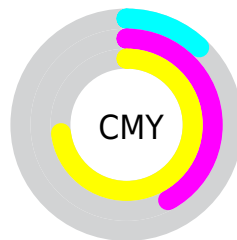
- Red (88%)
- Green (58%)
- Blue (27%)



- Red (84%)
- Yellow (88%)
- Blue (27%)



- Cyan (0%)
- Magenta (33%)
- Yellow (69%)
- Black (12%)



- Cyan (12%)
- Magenta (42%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E09545 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 E09545 by changing the saturation by 10% instead.



 E09545

 E09545

FFFFFF

 C27B2B

 FFCB79

 A4620F

 FFE793

 874A00

 FFFFAF

 6A3300

 FFFF CB

 4E1D00

 FFFF E7

 330800

 180001

 000000

 E09545

 E09545

 E08A2F

 E0A05B

 E07F18

 E0AB72

 E07402

 E0B688

 E07400

 E0C09F

 E0CBB5

 E0D6CB

 E0E1E2

 E0ECF8

 E0F7FF

# Harmonies

## Analogous

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



FC8269



E09545



B5A73A

# Triad

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



E09545



00BFB2



BA92F6

# Complementary

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



E09545



4590E0

# 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.



5FA6FF



E09545



00BDE3

# Square

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



E09545



26BC7D



00B5FF



EE7FCC

# Rectangle

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



E09545



92B046



00B5FF



A299FF

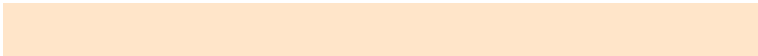


# Sweetspot

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



E09545



FFE5C9



E04593



807060



000000



808080



# Same Dimension

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



E09545



FF992B



E0E045



706B65



B05B00



301900



# Inverse Universe

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



4590E0



2B92FF



4545E0



656A70



0055B0



001730



# Previews

## White Background



This preview shows how the Hex color E09545 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

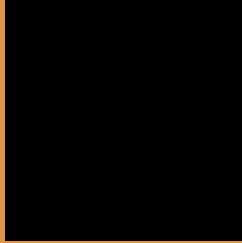
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E09545 Background



This preview shows how black text looks on a background with the Hex color E09545.

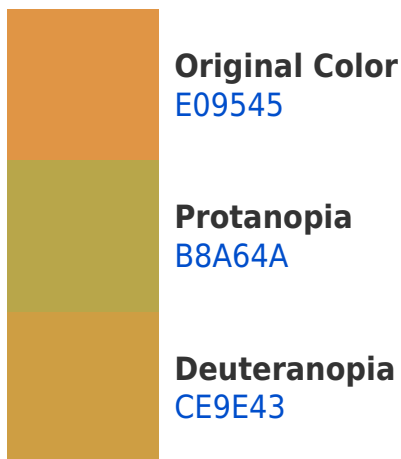


This preview shows how white text looks on a background with the Hex color E09545.

# 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](#).

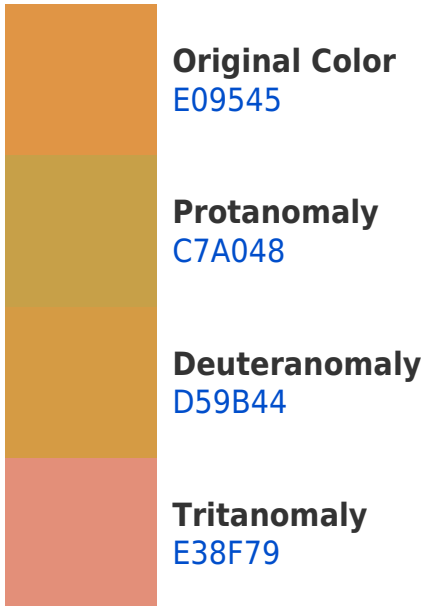
## Dichromacy



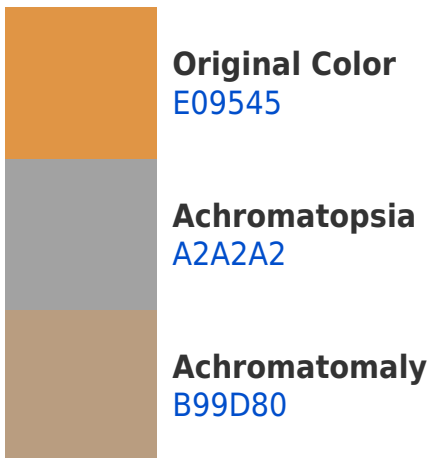


**Tritanopia**  
E58C97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E09545 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 #E09545 looks like.

```
.text, #text, p{  
    color:#E09545  
}
```

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 #E09545 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E09545
}
```

## Border

The CSS property to change the border of an element to Hex E09545 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
#E09545 }
```

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

```
.border{ border-color:#E09545 }
```

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

Here you see how a box with a 4 pixel #E09545 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E09545; -webkit-box-shadow:4px 4px  
4px 4px #E09545; box-shadow:4px 4px 4px  
4px #E09545 }
```

# Background

The CSS property to change the background color of an element to Hex E09545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E09545 }
```

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

```
.background{ background-color:#E09545 }
```

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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