

Converting Colors

Hex(E68149)

Have a look what the booklet for
Hex(E68149) contains.

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Color

Hex(E68149)

Conversions

Conversions Part 1

Format	Color
Hex	E68149
RGB	230, 129, 73
RGB Percent	90%, 51%, 29%
CMY	0.0980, 0.4941, 0.7137
CMYK	0.00, 0.44, 0.68, 0.10
HSL	21°, 76%, 59%
HSV	21°, 68%, 90%
XYZ	41.6860, 33.0045, 10.4768
YIQ	152.8150, 78.1720, 3.9960

Conversions

Conversions Part 2

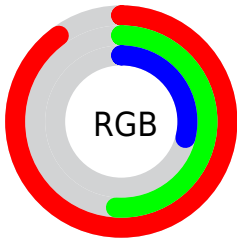
Format	Color
R _Y B	230, 160, 73
Decimal	15106377
CIE Lab	64.16, 34.35, 46.57
CIE LCh	64, 57.866, 53.587
Yxy	33.0045, 0.4895, 0.3875
Android (android.graphics.Color)	4293296457 (0xFFE68149)
YUV	152.8150, -39.3488, 67.6912
Hunter-Lab	57.4496, 28.9846, 29.4023

Details

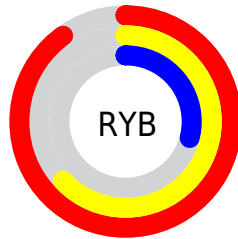
The Hex color **E68149** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **49AEE6**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFB77C**, and **A94E18** is the 20% darker color. If you saturate the color by 10%, you get **E67232**, and if you desaturate by 10%, it is **E69060**.

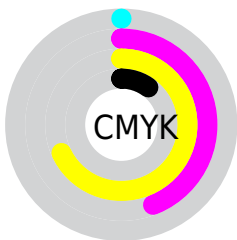
Distribution



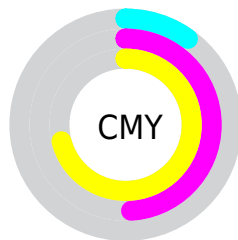
- Red (90%)
- Green (51%)
- Blue (29%)



- Red (90%)
- Yellow (63%)
- Blue (29%)



- Cyan (0%)
- Magenta (44%)
- Yellow (68%)
- Black (10%)



- Cyan (10%)
- Magenta (49%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color E68149 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 E68149 by changing the saturation by 10% instead.

 E68149

 E68149

FFFFFF

 C76731

 FFB77C

 A94E18


 FFD396

 8B3500

 FFF0B1

 6E1D00

 FFFFCD

 510100

 FFFFEE9

 360000

 150000

 000000

 E68149

 E68149

 E67232

 E69060

 E6631B

 E69F77

 E65504

 E6AD8E

 E65200

 E6BCA5

 E6CBBC

 E6DAD3

 E6E9EA

 E6F7FF

 E6FFFF

Harmonies

Analogous

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



F97075



E68149



C1952E

Triad

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



E68149



00B48E



8A92FA

Complementary

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



E68149



49AEE6

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.



00A5FF



E68149



00B4C3

Square

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



E68149



4DAF5B



00B0EE



D07DD9

Rectangle

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



E68149



A1A02E



00B0EE



6799FF

Sweetspot

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



E68149



FFDECC



E649AF



806C61



000000



808080

Same Dimension

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



E68149



FF782E



E6CE49



736B67



B34000



331200

Inverse Universe

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



49AEE6



2EB4FF



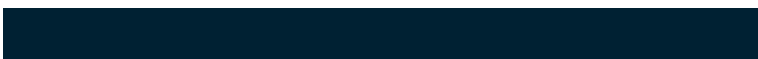
4961E6



676F73



0073B3



002133

Previews

White Background



This preview shows how the Hex color E68149 looks on a white background.

Color Contrast Check

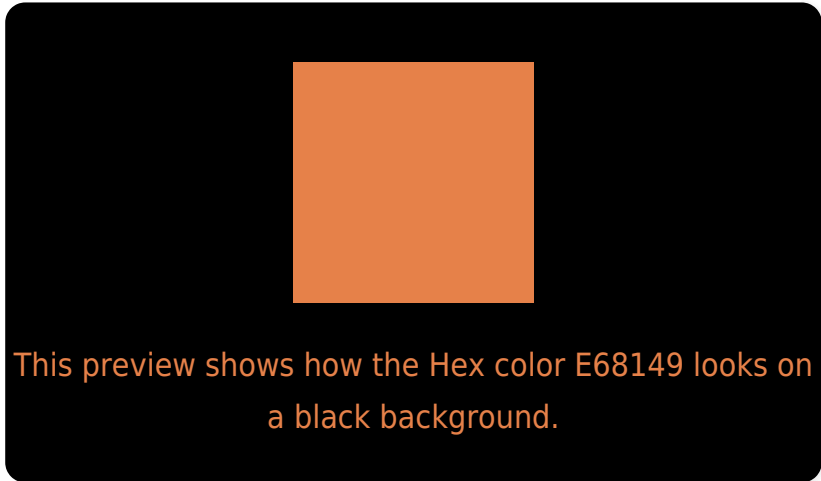
Large Text (above 18pt) WCAG AA × Fail

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

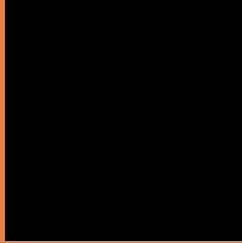
Any Text WCAG AA ✓ Pass

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 E68149 Background



This preview shows how black text looks on a background with the Hex color E68149.




This preview shows how white text looks on a background with the Hex color E68149.

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](#).

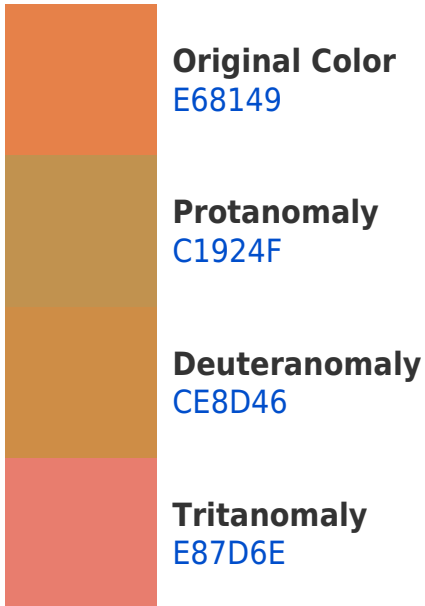
Dichromacy





Tritanopia
E97A83

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E68149 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 #E68149 looks like.

```
.text, #text, p{  
    color:#E68149  
}
```

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 #E68149 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E68149
}
```

Border

The CSS property to change the border of an element to Hex E68149 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
#E68149 }
```

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

```
.border{ border-color:#E68149 }
```

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

Here you see how a box with a 4 pixel #E68149 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E68149; -webkit-box-shadow:4px 4px  
4px 4px #E68149; box-shadow:4px 4px 4px  
4px #E68149 }
```

Background

The CSS property to change the background color of an element to Hex E68149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E68149 }
```

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

```
.background{ background-color:#E68149 }
```

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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