

# Converting Colors

Hex(E58101)

Have a look what the booklet for  
Hex(E58101) contains.

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**Color**

**Hex(E58101)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E58101
RGB	229, 129, 1
RGB Percent	90%, 51%, 0%
CMY	0.1020, 0.4941, 0.9961
CMYK	0.00, 0.44, 1.00, 0.10
HSL	34°, 99%, 45%
HSV	34°, 100%, 90%
XYZ	40.1688, 32.3607, 4.1578
YIQ	144.3080, 100.6880, -18.6080

# Conversions

## Conversions Part 2

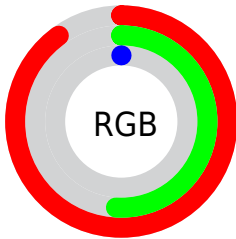
Format	Color
<a href="#">RYB</a>	179, 229, 1
Decimal	15040769
CIELab	63.64, 31.95, 69.96
CIELCh	64, 76.909, 65.458
Yxy	32.3607, 0.5238, 0.4220
Android (android.graphics.Color)	4293230849 (0xFFE58101)
YUV	144.3080, -70.6508, 74.2749
Hunter-Lab	56.8865, 26.4916, 35.4870

# Details

The Hex color **E58101** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **0165E5**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FFB748**, and **A74F00** is the 20% darker color. If you saturate the color by 10%, you get **E58100**, and if you desaturate by 10%, it is **E58B18**.

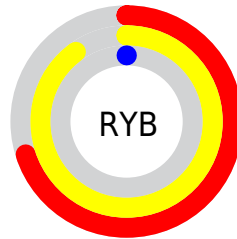
# Distribution



Red (90%)

Green (51%)

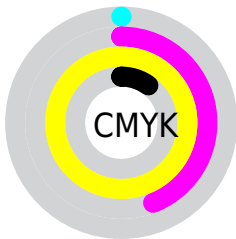
Blue (0%)



Red (70%)

Yellow (90%)

Blue (0%)

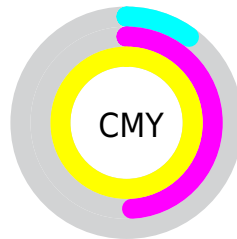


Cyan (0%)

Magenta (44%)

Yellow (100%)

Black (10%)



Cyan (10%)

Magenta (49%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E58101 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 E58101 by changing the saturation by 10% instead.



 E58101

 E58101

FFFFFF

 C66700

 FFB748

 A74F00

 FFD263

 883600

 FFEF7E

 6A1F00

 FFFF9A

 4D0400

 FFFFB6

 330000

 FFFFD3

 0C0000

 FFFFF0

 000000

 E58101

 E58101

 E58100

 E58B18

 E5952F

 E59F46

 E5A95D

 E5B373

 E5BD8A

 E5C7A1

 E5D1B8

 E5DBCf

# Harmonies

## Analogous

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



FF614E



E58101



AE9B00

# Triad

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



E58101



00B9A5



A982FF

# Complementary

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



E58101



0165E5

# 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.



009FFF



E58101



00B8E8

# Square

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



E58101



00B55E



00B0FF



F55FD4

# Rectangle

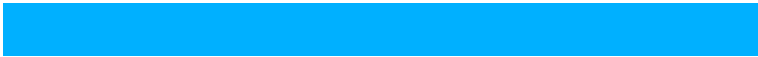
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E58101



80A700



00B0FF



808CFF



# Sweetspot

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



E58101



FFDDB3



E50168



806B52



000000



808080



# Same Dimension

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



E58101



FF8F00



DAE501



736E67



B36400



331D00



# Inverse Universe

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



0165E5



0070FF



0C01E5



676C73



004EB3



001633



# Previews

## White Background



This preview shows how the Hex color E58101 looks on a white background.

## Color Contrast Check

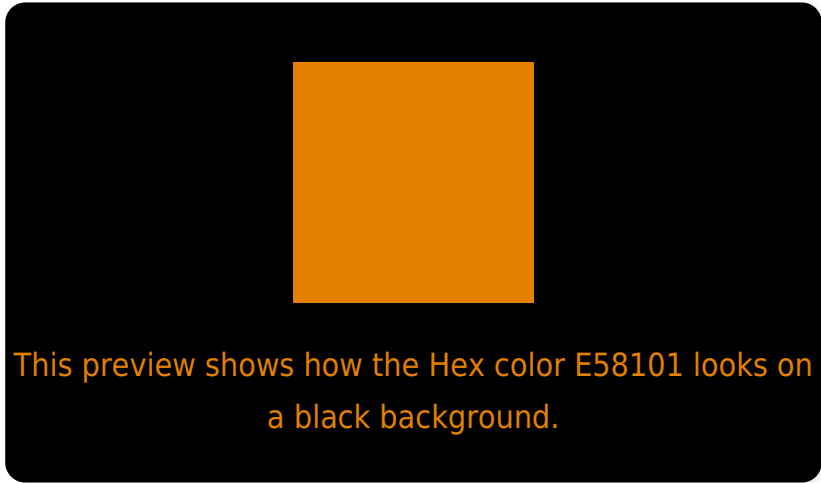
Large Text (above 18pt) WCAG AA × Fail

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 E58101 Background



This preview shows how black text looks on a background with the Hex color E58101.



This preview shows how white text looks on a background with the Hex color E58101.

# 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](#).

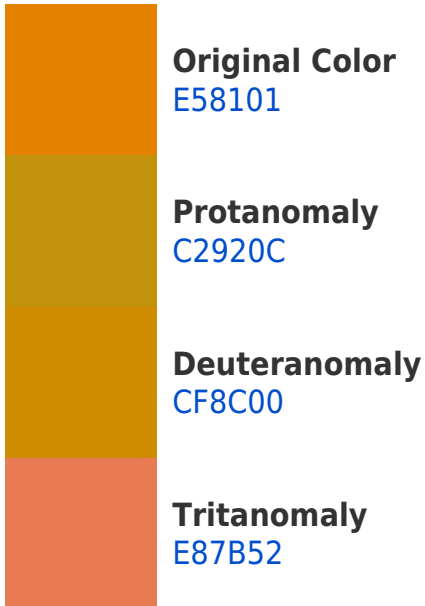
## Dichromacy





**Tritanopia**  
E97880

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E58101 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 #E58101 looks like.

```
.text, #text, p{  
    color:#E58101  
}
```

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 #E58101 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E58101
}
```

## Border

The CSS property to change the border of an element to Hex E58101 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
#E58101 }
```

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

```
.border{ border-color:#E58101 }
```

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

Here you see how a box with a 4 pixel #E58101 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E58101; -webkit-box-shadow:4px 4px  
4px 4px #E58101; box-shadow:4px 4px 4px  
4px #E58101 }
```

# Background

The CSS property to change the background color of an element to Hex E58101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E58101 }
```

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

```
.background{ background-color:#E58101 }
```

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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