

Converting Colors

Hex(E58E02)

Have a look what the booklet for
Hex(E58E02) contains.

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Color

Hex(E58E02)

Conversions

Conversions Part 1

Format	Color
Hex	E58E02
RGB	229, 142, 2
RGB Percent	90%, 56%, 1%
CMY	0.1020, 0.4431, 0.9922
CMYK	0.00, 0.38, 0.99, 0.10
HSL	37°, 98%, 45%
HSV	37°, 99%, 90%
XYZ	41.9971, 36.0084, 4.7943
YIQ	152.0530, 96.7920, -25.0960

Conversions

Conversions Part 2

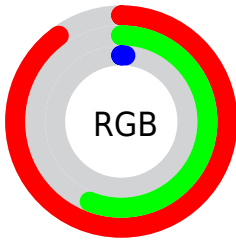
Format	Color
R_{YB}	143, 229, 2
Decimal	15044098
CIE Lab	66.53, 25.11, 71.66
CIE LCh	67, 75.936, 70.689
Yxy	36.0084, 0.5072, 0.4349
Android (android.graphics.Color)	4293234178 (0xFFE58E02)
YUV	152.0530, -73.9761, 67.4825
Hunter-Lab	60.0070, 19.9144, 37.2679

Details

The Hex color **E58E02** 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 **0259E5**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFC44A**, and **A75B00** is the 20% darker color. If you saturate the color by 10%, you get **E58D00**, and if you desaturate by 10%, it is **E59719**.

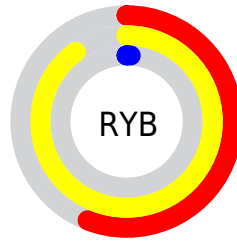
Distribution



Red (90%)

Green (56%)

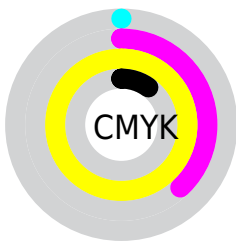
Blue (1%)



Red (56%)

Yellow (90%)

Blue (1%)

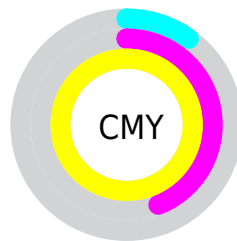


Cyan (0%)

Magenta (38%)

Yellow (99%)

Black (10%)



Cyan (10%)

Magenta (44%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color E58E02 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 E58E02 by changing the saturation by 10% instead.

 E58E02

 E58E02

FFFFFF

 C67400

 FFC44A

 A75B00

 FFE066

 894300

 FFFD82

 6B2D00

 FFFF9E

 4F1600

 FFFFBA

 340000

 FFFFD7

 160000

 FFFFF4

 000000

 E58E02

 E58E02

■ E58D00

■ E59719

■ E5A030

■ E5A847

■ E5B15E

■ E5BA75

■ E5C38B

■ E5CBA2

■ E5D4B9

■ E5DDD0

Harmonies

Analogous

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



FF6F4C



E58E02



ABA600

Triad

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



E58E02



00C1B9



C384FF

Complementary

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



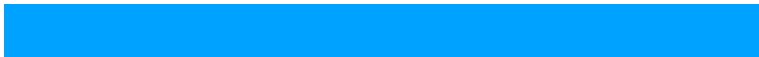
E58E02



0259E5

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.



00A2FF



E58E02



00BFFA

Square

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



E58E02



00BE72



00B5FF



FF64D1

Rectangle

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



E58E02



7CB211



00B5FF



A08FFF

Sweetspot

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



E58E02



FFE2B3



E50259



806E52



000000



808080

Same Dimension

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



E58E02



FF9D00



CBE502



736E67



B36E00



331F00

Inverse Universe

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



0259E5



0062FF



1C02E5



676C73



0044B3



001433

Previews

White Background



This preview shows how the Hex color E58E02 looks on a white background.

Color Contrast Check

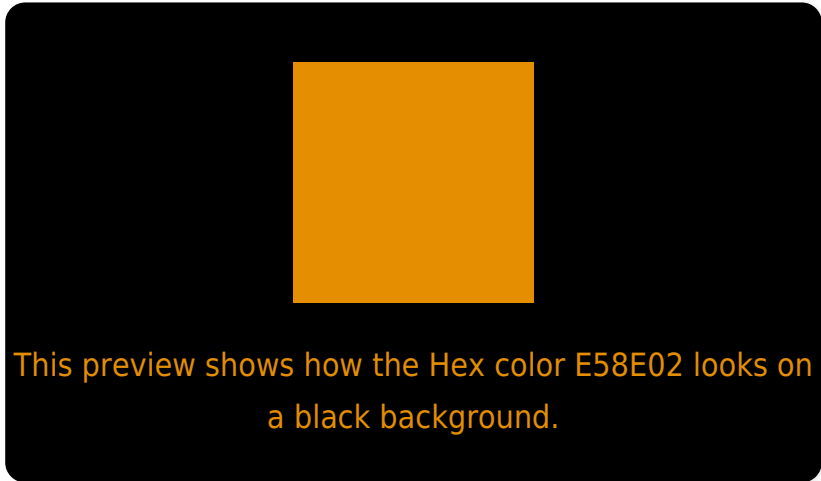
Large Text (above 18pt) WCAG AA × Fail

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 E58E02 Background



This preview shows how black text looks on a background with the Hex color E58E02.



This preview shows how white text looks on a background with the Hex color E58E02.

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



Original Color
E58E02

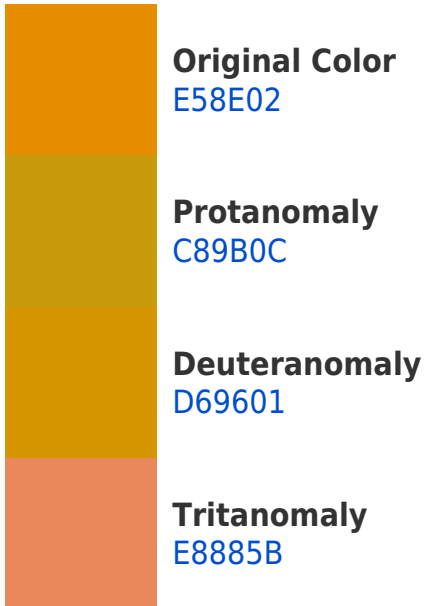
Protanopia
B7A311

Deuteranopia
CD9A00

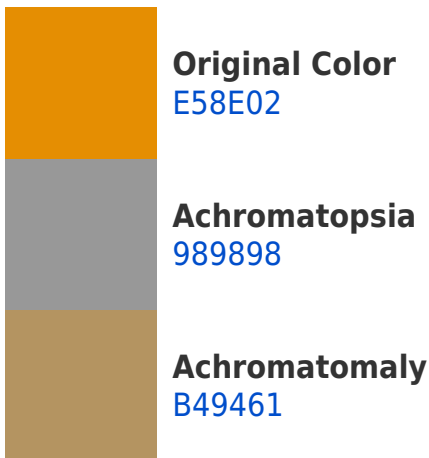


Tritanopia
EA848E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E58E02 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 #E58E02 looks like.

```
.text, #text, p{  
  color:#E58E02  
}
```

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 #E58E02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E58E02
}
```

Border

The CSS property to change the border of an element to Hex E58E02 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
#E58E02 }
```

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

```
.border{ border-color:#E58E02 }
```

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

Here you see how a box with a 4 pixel #E58E02 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E58E02; -webkit-box-shadow:4px 4px  
4px 4px #E58E02; box-shadow:4px 4px 4px  
4px #E58E02 }
```

Background

The CSS property to change the background color of an element to Hex E58E02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E58E02 }
```

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

```
.background{ background-color:#E58E02 }
```

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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