

Converting Colors

Hex(E28908)

Have a look what the booklet for
Hex(E28908) contains.

Hex(E28908)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E28908)

Conversions

Conversions Part 1

Format	Color
Hex	E28908
RGB	226, 137, 8
RGB Percent	89%, 54%, 3%
CMY	0.1137, 0.4627, 0.9686
CMYK	0.00, 0.39, 0.96, 0.11
HSL	36°, 93%, 46%
HSV	36°, 96%, 89%
XYZ	40.3535, 34.0776, 4.6805
YIQ	148.9050, 94.4530, -21.2510

Conversions

Conversions Part 2

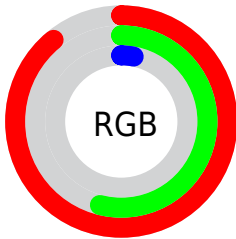
Format	Color
RYB	158, 226, 8
Decimal	14846216
CIELab	65.02, 26.55, 69.64
CIELCh	65, 74.527, 69.128
Yxy	34.0776, 0.5101, 0.4308
Android (android.graphics.Color)	4293036296 (0xFFE28908)
YUV	148.9050, -69.4662, 67.6123
Hunter-Lab	58.3760, 21.2334, 36.1094

Details

The Hex color **E28908** 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 **0861E2**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FFBF4C**, and **A45700** is the 20% darker color. If you saturate the color by 10%, you get **E28600**, and if you desaturate by 10%, it is **E2921F**.

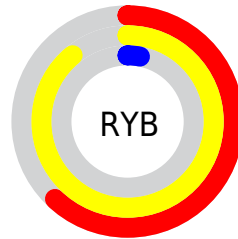
Distribution



Red (89%)

Green (54%)

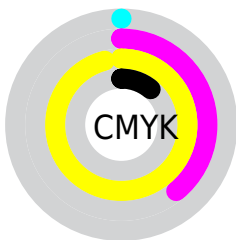
Blue (3%)



Red (62%)

Yellow (89%)

Blue (3%)

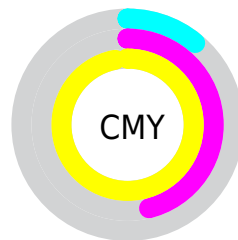


Cyan (0%)

Magenta (39%)

Yellow (96%)

Black (11%)



Cyan (11%)

Magenta (46%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color E28908 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 E28908 by changing the saturation by 10% instead.

 E28908

 E28908

FFFFFF

 C36F00

 FFBF4C

 A45700

 FFDB67

 863F00


 FFF782

 682800

 FFFF9E

 4C1100

 FFFFBA

 310000

 FFFFD7

 0D0000

 FFFFF4

 000000

 E28908

 E28908

■ E28600

■ E2921F

■ E29B35

■ E2A54C

■ E2AE62

■ E2B779

■ E2C090

■ E2CAA6

■ E2D3BD

■ E2DCD3

Harmonies

Analogous

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



FF6B4D



E28908



AAA100

Triad

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



E28908



00BCB1



B982FF

Complementary

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



E28908



0861E2

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



E28908



00BAF1

Square

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



E28908



00B96B



00B2FF



FC63CF

Rectangle

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



E28908



7DAD0A



00B2FF



968DFF

Sweetspot

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



E28908



FFE1B5



E20863



806D53



000000



808080

Same Dimension

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



E28908



FF9700



D0E208



706C65



B06800



301D00

Inverse Universe

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



0861E2



0068FF



1A08E2



656A70



0048B0



001430

Previews

White Background



This preview shows how the Hex color E28908 looks on a white background.

Color Contrast Check

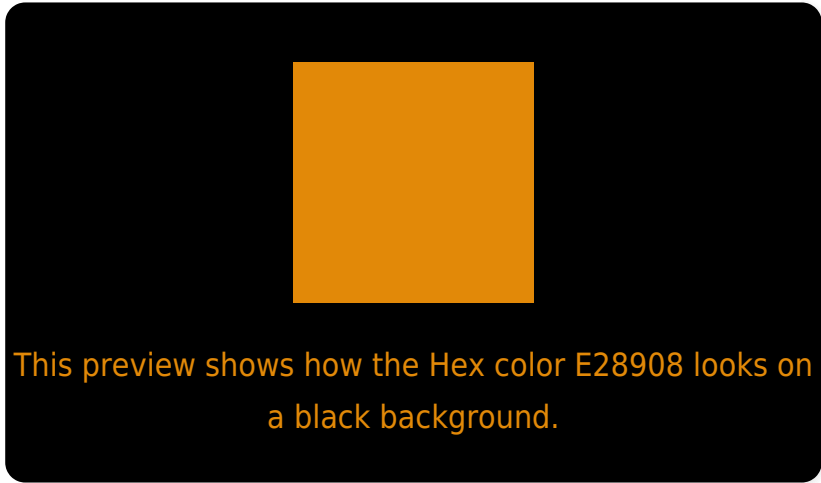
Large Text (above 18pt) WCAG AA × Fail

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 E28908 Background



This preview shows how black text looks on a background with the Hex color E28908.



This preview shows how white text looks on a background with the Hex color E28908.

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
E28908

Protanopia
B29F13

Deuteranopia
C89600



Tritanopia
E77F89

Trichromacy



Original Color
E28908

Protanomaly
C3970F

Deuteranomaly
D19103

Tritanomaly
E5835A

Monochromacy



Original Color
E28908

Achromatopsia
959595

Achromatomaly
B19162

CSS Examples

Text

The CSS property to change the color of the text to Hex E28908 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 #E28908 looks like.

```
.text, #text, p{  
    color:#E28908  
}
```

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 #E28908 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E28908  
}
```

Border

The CSS property to change the border of an element to Hex E28908 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  
#E28908 }
```

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

```
.border{ border-color:#E28908 }
```

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

Here you see how a box with a 4 pixel #E28908 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E28908; -webkit-box-shadow:4px 4px  
4px 4px #E28908; box-shadow:4px 4px 4px  
4px #E28908 }
```

Background

The CSS property to change the background color of an element to Hex E28908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E28908 }
```

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

```
.background{ background-color:#E28908 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor