

Converting Colors

Hex(E49B28)

Have a look what the booklet for
Hex(E49B28) contains.

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Color

Hex(E49B28)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E49B28 |
| RGB | 228, 155, 40 |
| RGB Percent | 89%, 61%, 16% |
| CMY | 0.1059, 0.3922, 0.8431 |
| CMYK | 0.00, 0.32, 0.82, 0.11 |
| HSL | 37°, 78%, 53% |
| HSV | 37°, 82%, 89% |
| XYZ | 44.0993, 40.0899, 7.4213 |
| YIQ | 163.7170, 80.4230, -20.2890 |

Conversions

Conversions Part 2

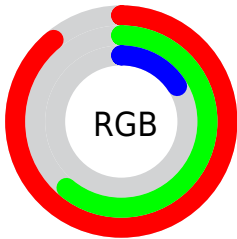
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 159, 228, 40 |
| Decimal | 14981928 |
| CIE Lab | 69.53, 18.40, 65.78 |
| CIE LCh | 70, 68.301, 74.370 |
| Yxy | 40.0899, 0.4814, 0.4376 |
| Android (android.graphics.Color) | 4293172008 (0xFFE49B28) |
| YUV | 163.7170, -60.9925, 56.3762 |
| Hunter-Lab | 63.3166, 13.5192, 37.3722 |

Details

The Hex color **E49B28** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **2871E4**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFD160**, and **A76800** is the 20% darker color. If you saturate the color by 10%, you get **E49211**, and if you desaturate by 10%, it is **E4A43F**.

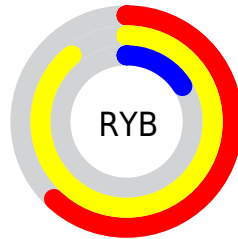
Distribution



Red (89%)

Green (61%)

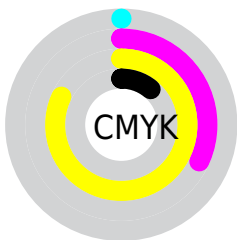
Blue (16%)



Red (62%)

Yellow (89%)

Blue (16%)

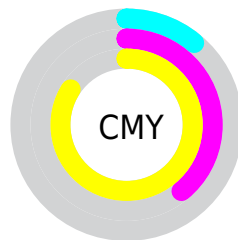


Cyan (0%)

Magenta (32%)

Yellow (82%)

Black (11%)



Cyan (11%)

Magenta (39%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color E49B28 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 E49B28 by changing the saturation by 10% instead.

 E49B28

 E49B28

FFFFFF

 C58100

 FFD160

 A76800

 FFEE7B

 8A5000

 FFFF97

 6C3900

 FFFFB3

 502300

 FFFFCF

 350E00

 FFFFEC

 1E0001

 000000

 E49B28

 E49B28

 E49211

 E4A43F

 E48B00

 E4AD56

 E4B66C

 E4BE83

 E4C79A

 E4D0B1

 E4D9C8

 E4E2DE

 E4EBF5

Harmonies

Analogous

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



FF8255



E49B28



ADB01F

Triad

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



E49B28



00C7C7



D38CFF

Complementary

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



E49B28



2871E4

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.



67A7FF



E49B28



00C4FF

Square

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



E49B28



00C586



00BAFF



FF74CD

Rectangle

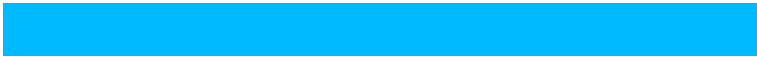
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E49B28



81BA3A



00BAFF



B795FF

Sweetspot

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



E49B28



FFE6BF



E42873



807159



000000



808080

Same Dimension

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



E49B28



FF9D03



D1E428



736E67



B36D00



331F00

Inverse Universe

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



2871E4



0365FF



3B28E4



676C73



0045B3



001433

Previews

White Background



This preview shows how the Hex color E49B28 looks on a white background.

Color Contrast Check

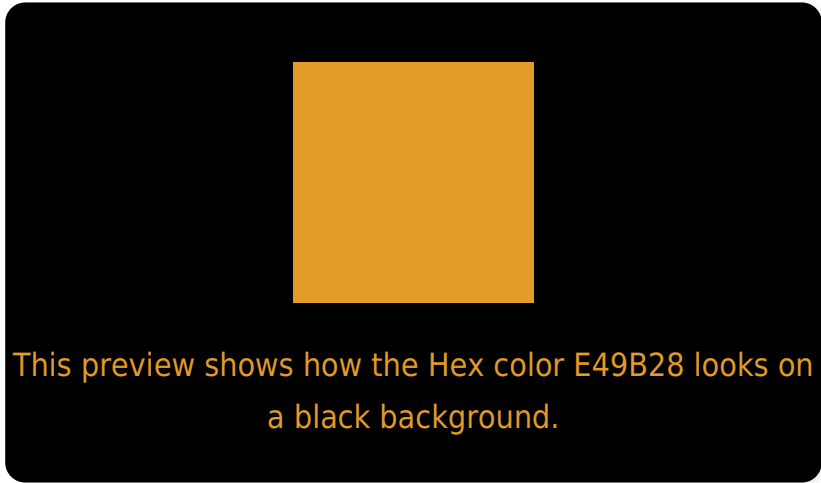
Large Text (above 18pt) WCAG AA × Fail

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 E49B28 Background



This preview shows how black text looks on a background with the Hex color E49B28.



This preview shows how white text looks on a background with the Hex color E49B28.

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
E49B28

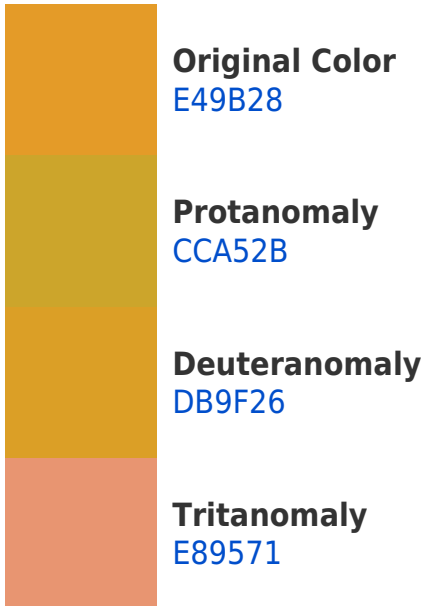
Protanopia
BFAB2C

Deuteranopia
D6A125

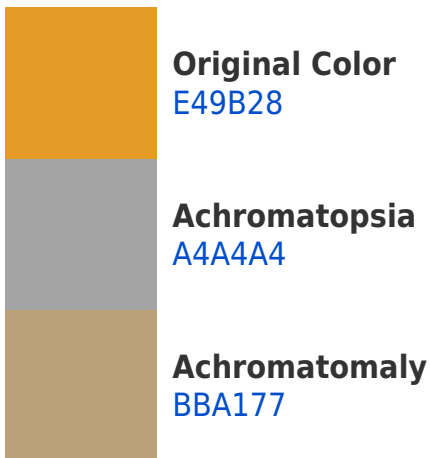


Tritanopia
EA919B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E49B28 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 #E49B28 looks like.

```
.text, #text, p{  
    color:#E49B28  
}
```

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 #E49B28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E49B28
}
```

Border

The CSS property to change the border of an element to Hex E49B28 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
#E49B28 }
```

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

```
.border{ border-color:#E49B28 }
```

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

Here you see how a box with a 4 pixel #E49B28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E49B28; -webkit-box-shadow:4px 4px  
4px 4px #E49B28; box-shadow:4px 4px 4px  
4px #E49B28 }
```

Background

The CSS property to change the background color of an element to Hex E49B28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E49B28 }
```

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

```
.background{ background-color:#E49B28 }
```

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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