

Converting Colors

Hex(E29846)

Have a look what the booklet for
Hex(E29846) contains.

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Color

Hex(E29846)

Conversions

Conversions Part 1

Format	Color
Hex	E29846
RGB	226, 152, 70
RGB Percent	89%, 60%, 27%
CMY	0.1137, 0.4039, 0.7255
CMYK	0.00, 0.33, 0.69, 0.11
HSL	32°, 73%, 58%
HSV	32°, 69%, 89%
XYZ	43.6978, 39.0674, 11.0320
YIQ	164.7780, 70.4260, -9.8140

Conversions

Conversions Part 2

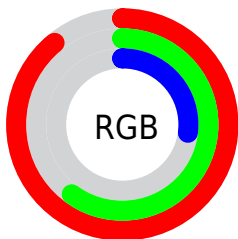
Format	Color
R_{YB}	211, 226, 70
Decimal	14850118
CIE _{Lab}	68.80, 20.38, 52.97
CIE _{LCh}	69, 56.756, 68.951
Yxy	39.0674, 0.4659, 0.4165
Android (android.graphics.Color)	4293040198 (0xFFE29846)
YUV	164.7780, -46.7256, 53.6917
Hunter-Lab	62.5039, 15.4111, 33.2880

Details

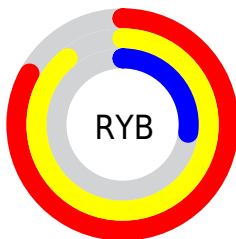
The Hex color **E29846** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **4690E2**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFCE7A**, and **A66510** is the 20% darker color. If you saturate the color by 10%, you get **E28D2F**, and if you desaturate by 10%, it is **E2A35D**.

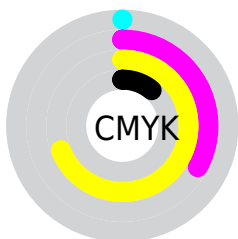
Distribution



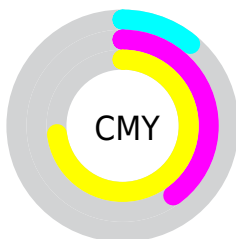
- Red (89%)
- Green (60%)
- Blue (27%)



- Red (83%)
- Yellow (89%)
- Blue (27%)



- Cyan (0%)
- Magenta (33%)
- Yellow (69%)
- Black (11%)



- Cyan (11%)
- Magenta (40%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color E29846 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 E29846 by changing the saturation by 10% instead.

 E29846

 E29846

FFFFFF

 C47E2C

 FFCE7A

 A66510

 FFE895

 894D00

 FFFF80

 6C3600

 FFFF66

 502000

 FFFF33

 350A00

 1D0001

 000000

 E29846

 E29846

 E28D2F

 E2A35D

 E28319

 E2AD73

 E27802

 E2B88A

 E27700

 E2C3A0

 E2CEB7

 E2D8CE

 E2E3E4

 E2EEFB

 E2F8FF

Harmonies

Analogous

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



FF856A



E29846



B6AA3C

Triad

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



E29846



00C1B6



BF94F8

Complementary

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



E29846



4690E2

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.



65A8FF



E29846



00BFE7

Square

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



E29846



23BF81



00B7FF



F281CE

Rectangle

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



E29846



93B349



00B7FF



A79BFF

Sweetspot

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



E29846



FFE6C9



E24691



807060



000000



808080

Same Dimension

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



E29846



FF9B2B



DFE246



706B65



B05C00



301900

Inverse Universe

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



4690E2



2B90FF



4946E2



656A70



0053B0



001730

Previews

White Background



This preview shows how the Hex color E29846 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

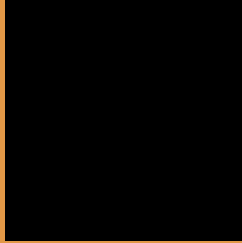
Any Text WCAG AA ✓ Pass

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 E29846 Background



This preview shows how black text looks on a background with the Hex color E29846.

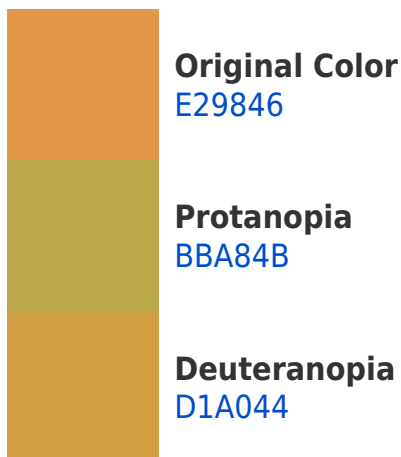


This preview shows how white text looks on a background with the Hex color E29846.

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](#).

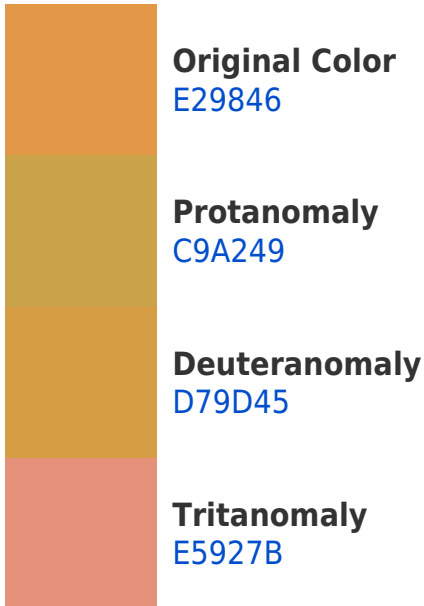
Dichromacy



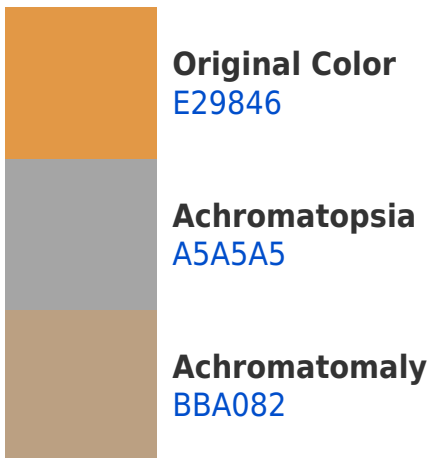


Tritanopia
E78F9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E29846 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 #E29846 looks like.

```
.text, #text, p{  
    color:#E29846  
}
```

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 #E29846 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E29846
}
```

Border

The CSS property to change the border of an element to Hex E29846 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
#E29846 }
```

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

```
.border{ border-color:#E29846 }
```

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

Here you see how a box with a 4 pixel #E29846 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E29846; -webkit-box-shadow:4px 4px  
4px 4px #E29846; box-shadow:4px 4px 4px  
4px #E29846 }
```

Background

The CSS property to change the background color of an element to Hex E29846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E29846 }
```

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

```
.background{ background-color:#E29846 }
```

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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