

# Converting Colors

Hex(E27E31)

Have a look what the booklet for  
Hex(E27E31) contains.

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# **Color**

**Hex(E27E31)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E27E31
RGB	226, 126, 49
RGB Percent	89%, 49%, 19%
CMY	0.1137, 0.5059, 0.8078
CMYK	0.00, 0.44, 0.78, 0.11
HSL	26°, 75%, 54%
HSV	26°, 78%, 89%
XYZ	39.3793, 31.3122, 6.8741
YIQ	147.1220, 84.3170, -2.7470

# Conversions

## Conversions Part 2

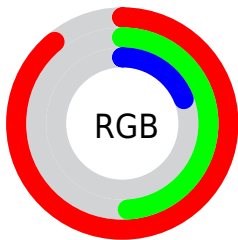
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	226, 185, 49
Decimal	14843441
CIE Lab	62.77, 33.22, 56.17
CIE LCh	63, 65.261, 59.402
Yxy	31.3122, 0.5077, 0.4037
Android (android.graphics.Color)	4293033521 (0xFFE27E31)
YUV	147.1220, -48.3741, 69.1760
Hunter-Lab	55.9573, 27.6918, 31.8866

# Details

The Hex color **E27E31** is a dark color, and the websafe version is hex **CC6600**. The color can be described as middle washed orange. A complement of this color would be **3195E2**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FFB465**, and **A44B00** is the 20% darker color. If you saturate the color by 10%, you get **E2711A**, and if you desaturate by 10%, it is **E28B48**.

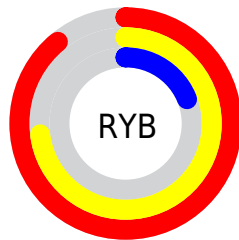
# Distribution



Red (89%)

Green (49%)

Blue (19%)



Red (89%)

Yellow (73%)

Blue (19%)

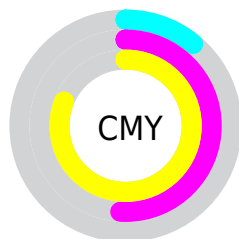


Cyan (0%)

Magenta (44%)

Yellow (78%)

Black (11%)



Cyan (11%)

Magenta (51%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E27E31 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 E27E31 by changing the saturation by 10% instead.



 E27E31

 E27E31

FFFFFF

 C36415

 FFB465

 A44B00

 FFCF7F

 873300

 FFEC9A

 691B00

 FFFFB5

 4C0000

 FFFFD1

 320000

 FFFFEE

 050000

 000000

 E27E31

 E27E31

 E2711A

 E28B48

 E26404

 E2985E

 E26200

 E2A475

 E2B18B

 E2BEA2

 E2CBB9

 E2D7CF

 E2E4E6

 E2F1FC

# Harmonies

## Analogous

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



FC6762



E27E31



B6950B

# Triad

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



E27E31



00B395



9489FE

# Complementary

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



E27E31



3195E2

# 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



E27E31



00B2CF

# Square

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



E27E31



12AE5A



00ADFB



DC6FD4

# Rectangle

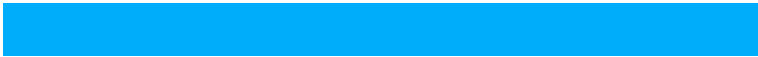
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E27E31



91A017



00ADFB



6F91FF

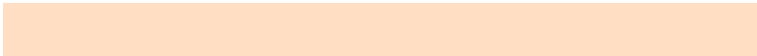


# Sweetspot

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



E27E31



FFDEC4



E23195



806B5C



000000



808080



# Same Dimension

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



E27E31



FF780F



E2D631



706A65



B04D00



301500

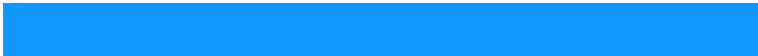


# Inverse Universe

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



3195E2



0F97FF



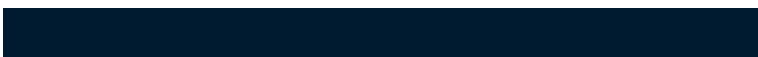
313DE2



656B70



0063B0



001B30



# Previews

## White Background



This preview shows how the Hex color E27E31 looks on a white background.

## Color Contrast Check

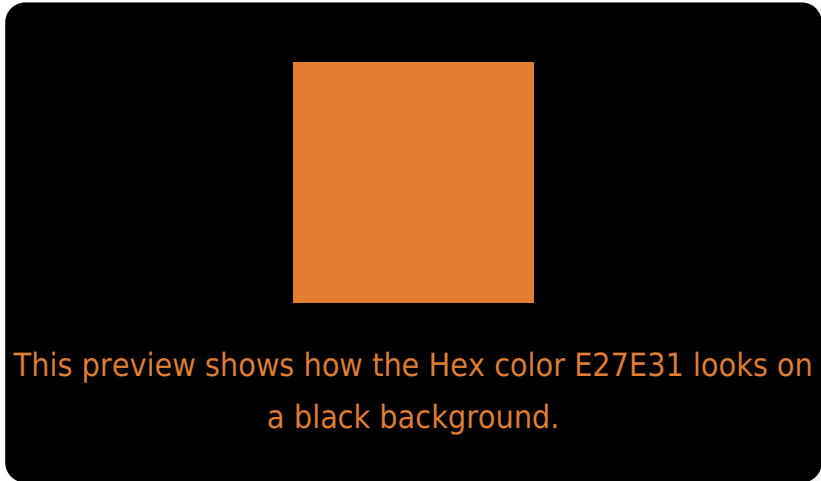
Large Text (above 18pt) WCAG AA × Fail

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

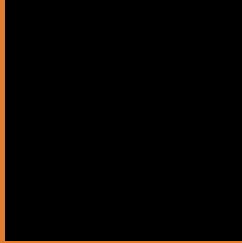
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E27E31 Background



This preview shows how black text looks on a background with the Hex color E27E31.

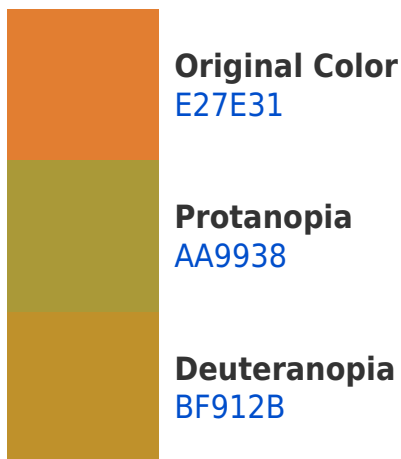



This preview shows how white text looks on a background with the Hex color E27E31.

# 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](#).

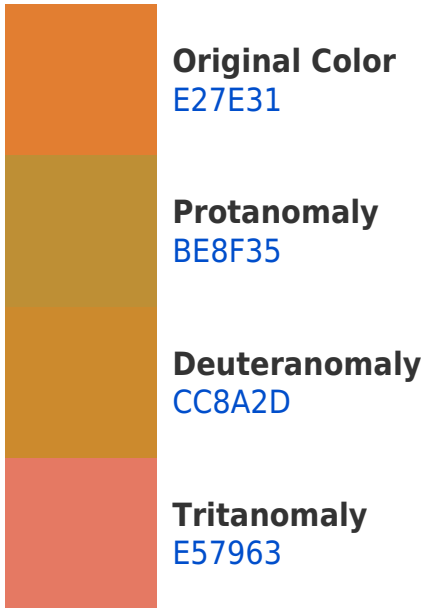
## Dichromacy



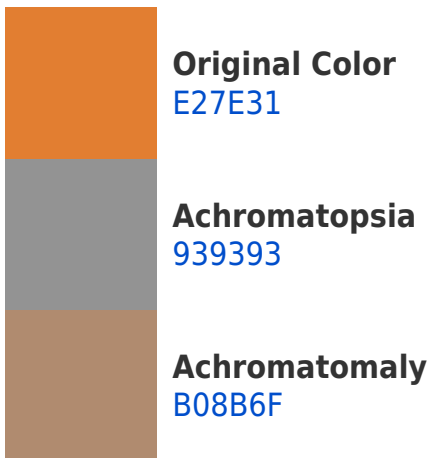


**Tritanopia**  
E6767F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E27E31 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 #E27E31 looks like.

```
.text, #text, p{  
    color:#E27E31  
}
```

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 #E27E31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E27E31
}
```

## Border

The CSS property to change the border of an element to Hex E27E31 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
#E27E31 }
```

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

```
.border{ border-color:#E27E31 }
```

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

Here you see how a box with a 4 pixel #E27E31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E27E31; -webkit-box-shadow:4px 4px  
4px 4px #E27E31; box-shadow:4px 4px 4px  
4px #E27E31 }
```

# Background

The CSS property to change the background color of an element to Hex E27E31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E27E31 }
```

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

```
.background{ background-color:#E27E31 }
```

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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