

Converting Colors

Hex(E78927)

Have a look what the booklet for
Hex(E78927) contains.

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Color

Hex(E78927)

Conversions

Conversions Part 1

Format	Color
Hex	E78927
RGB	231, 137, 39
RGB Percent	91%, 54%, 15%
CMY	0.0941, 0.4627, 0.8471
CMYK	0.00, 0.41, 0.83, 0.09
HSL	31°, 80%, 53%
HSV	31°, 83%, 91%
XYZ	42.2669, 35.0267, 6.4526
YIQ	153.9340, 87.4820, -10.5500

Conversions

Conversions Part 2

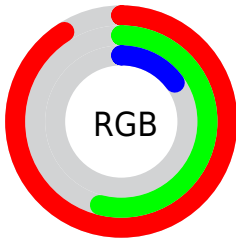
Format	Color
R _Y B	223, 231, 39
Decimal	15173927
CIE Lab	65.77, 29.19, 63.01
CIE LCh	66, 69.439, 65.144
Yxy	35.0267, 0.5047, 0.4182
Android (android.graphics.Color)	4293364007 (0xFFE78927)
YUV	153.9340, -56.6625, 67.5869
Hunter-Lab	59.1834, 23.9080, 34.9642

Details

The Hex color **E78927** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **2785E7**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFBF5D**, and **A95600** is the 20% darker color. If you saturate the color by 10%, you get **E77E10**, and if you desaturate by 10%, it is **E7943E**.

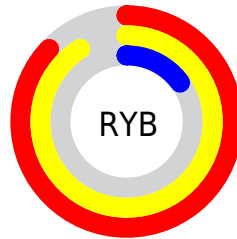
Distribution



Red (91%)

Green (54%)

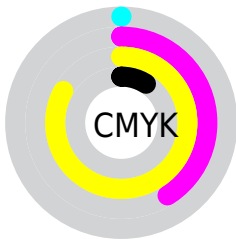
Blue (15%)



Red (87%)

Yellow (91%)

Blue (15%)

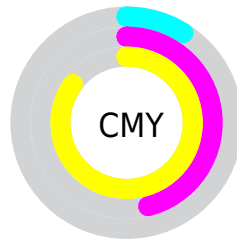


Cyan (0%)

Magenta (41%)

Yellow (83%)

Black (9%)



Cyan (9%)

Magenta (46%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color E78927 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 E78927 by changing the saturation by 10% instead.

 E78927

 E78927

FFFFFF

 C86F01

 FFBF5D

 A95600

 FFDB78

 8B3E00

 FFF893

 6D2700

 FFFF4F

 510F00

 FFFFCB

 350000

 FFFF8E

 170000

 000000

 E78927

 E78927

 E77E10

 E7943E

 E77600

 E7A055

 E7AB6C

 E7B683

 E7C29B

 E7CDB2

 E7D8C9

 E7E3E0

 E7EFF7

Harmonies

Analogous

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



FF6F5C



E78927



B4A000

Triad

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



E78927



00BDA9



AE8AFF

Complementary

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



E78927



2785E7

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.



00A4FF



E78927



00BCE6

Square

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



E78927



00B968



00B4FF



F36ED5

Rectangle

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



E78927



8BAC1C



00B4FF



8B94FF

Sweetspot

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



E78927



FFE0BF



E72787



806D59



000000



808080

Same Dimension

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



E78927



FF8200



E7E727



736D67



B35B00



331A00

Inverse Universe

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



2785E7



007DFF



2727E7



676D73



0057B3



001933

Previews

White Background



This preview shows how the Hex color E78927 looks on a white background.

Color Contrast Check

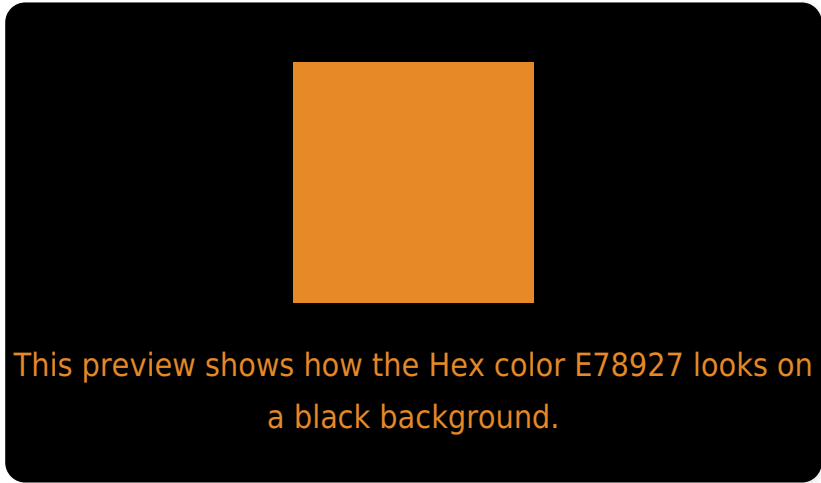
Large Text (above 18pt) WCAG AA × Fail

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 E78927 Background



This preview shows how black text looks on a background with the Hex color E78927.



This preview shows how white text looks on a background with the Hex color E78927.

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

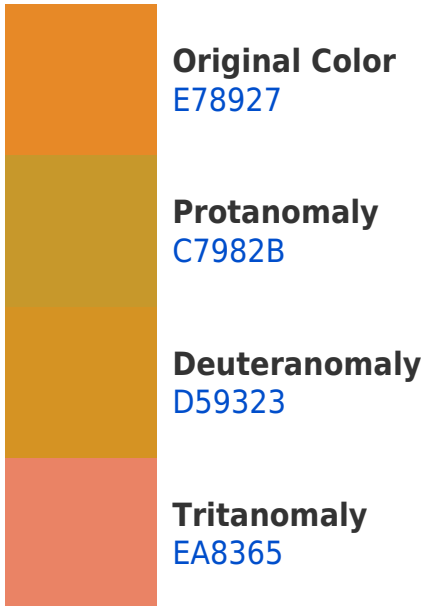


Original Color
E78927

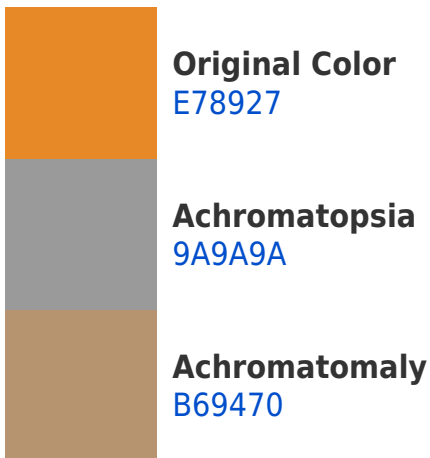
Protanopia
B4A12D

Deuteranopia
CA9820

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E78927 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 #E78927 looks like.

```
.text, #text, p{  
    color:#E78927  
}
```

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 #E78927 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E78927
}
```

Border

The CSS property to change the border of an element to Hex E78927 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
#E78927 }
```

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

```
.border{ border-color:#E78927 }
```

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

Here you see how a box with a 4 pixel #E78927 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E78927; -webkit-box-shadow:4px 4px  
4px 4px #E78927; box-shadow:4px 4px 4px  
4px #E78927 }
```

Background

The CSS property to change the background color of an element to Hex E78927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E78927 }
```

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

```
.background{ background-color:#E78927 }
```

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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