

Converting Colors

Hex(E78100)

Have a look what the booklet for
Hex(E78100) contains.

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Color

Hex(E78100)

Conversions

Conversions Part 1

Format	Color
Hex	E78100
RGB	231, 129, 0
RGB Percent	91%, 51%, 0%
CMY	0.0941, 0.4941, 1.0000
CMYK	0.00, 0.44, 1.00, 0.09
HSL	34°, 100%, 45%
HSV	34°, 100%, 91%
XYZ	40.8053, 32.6894, 4.1590
YIQ	144.7920, 102.2010, -18.4950

Conversions

Conversions Part 2

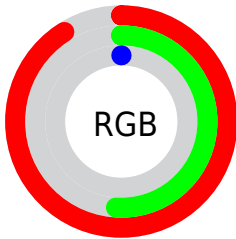
Format	Color
RYB	183, 231, 0
Decimal	15171840
CIELab	63.91, 32.76, 70.42
CIELCh	64, 77.665, 65.052
Yxy	32.6894, 0.5255, 0.4210
Android (android.graphics.Color)	4293361920 (0xFFE78100)
YUV	144.7920, -71.3825, 75.6044
Hunter-Lab	57.1747, 27.3388, 35.7094

Details

The Hex color **E78100** 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 **0066E7**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FFB747**, and **A84E00** is the 20% darker color. If you saturate the color by 10%, you get **E78100**, and if you desaturate by 10%, it is **E78B17**.

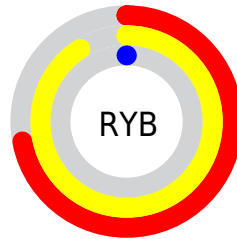
Distribution



Red (91%)

Green (51%)

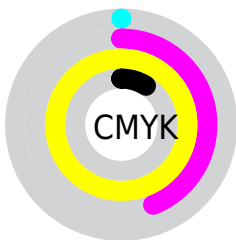
Blue (0%)



Red (72%)

Yellow (91%)

Blue (0%)

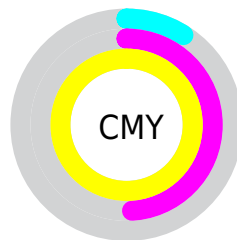


Cyan (0%)

Magenta (44%)

Yellow (100%)

Black (9%)



Cyan (9%)

Magenta (49%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color E78100 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 E78100 by changing the saturation by 10% instead.

 E78100

 E78100

FFFFFF

 C76700

 FFB747

 A84E00

 FFD263

 8A3600

 FFEF7E

 6C1E00

 FFFF9A

 4F0300

 FFFFB6

 340000

 FFFFD3

 100000

 FFFFF0

 000000

 E78100

 E78B17

 E7952E

 E7A045

 E7AA5C

 E7B474

 E7BE8B

 E7C8A2

 E7D3B9

 E7DDD0

Harmonies

Analogous

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



FF604F



E78100



AF9C00

Triad

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



E78100



00BAA5



A983FF

Complementary

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



E78100



0066E7

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.



00A0FF



E78100



00B9E9

Square

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



E78100



00B65D



00B1FF



F65FD7

Rectangle

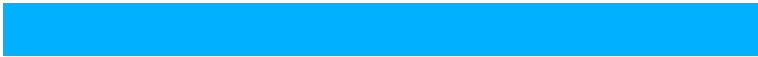
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E78100



82A800



00B1FF



7E8DFF

Sweetspot

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



E78100



FFDDB3



E70068



806B52



000000



808080

Same Dimension

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



E78100



FF8E00



DBE700



736E67



B36400



331C00

Inverse Universe

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



0066E7



0071FF



0C00E7



676C73



004FB3



001733

Previews

White Background



This preview shows how the Hex color E78100 looks on a white background.

Color Contrast Check

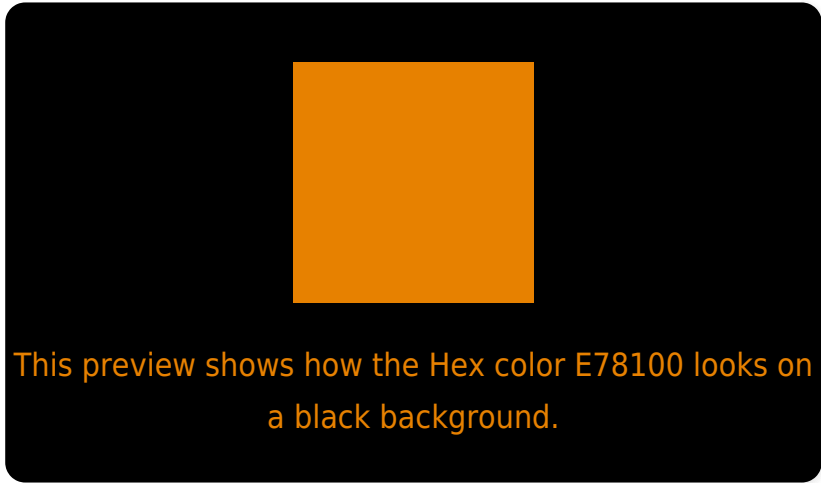
Large Text (above 18pt) WCAG AA × Fail

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 E78100 Background



This preview shows how black text looks on a background with the Hex color E78100.



This preview shows how white text looks on a background with the Hex color E78100.

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

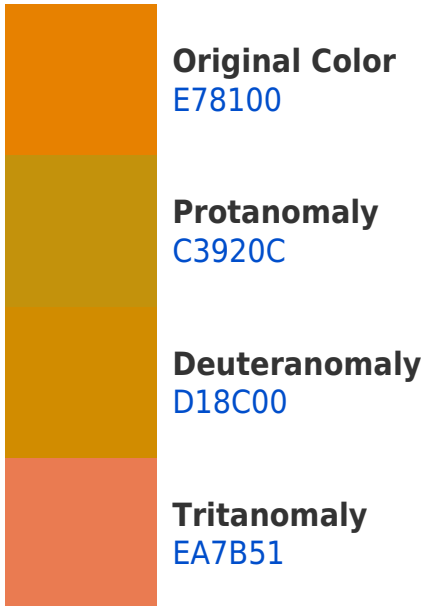


Original Color
E78100

Protanopia
AF9C13

Deuteranopia
C49300

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E78100 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 #E78100 looks like.

```
.text, #text, p{  
    color:#E78100  
}
```

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 #E78100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E78100
}
```

Border

The CSS property to change the border of an element to Hex E78100 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
#E78100 }
```

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

```
.border{ border-color:#E78100 }
```

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

Here you see how a box with a 4 pixel #E78100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E78100; -webkit-box-shadow:4px 4px  
4px 4px #E78100; box-shadow:4px 4px 4px  
4px #E78100 }
```

Background

The CSS property to change the background color of an element to Hex E78100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E78100 }
```

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

```
.background{ background-color:#E78100 }
```

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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