

# Converting Colors

Hex(ED8226)

Have a look what the booklet for  
Hex(ED8226) contains.

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**Color**

**Hex(ED8226)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	ED8226
RGB	237, 130, 38
RGB Percent	93%, 51%, 15%
CMY	0.0706, 0.4902, 0.8510
CMYK	0.00, 0.45, 0.84, 0.07
HSL	28°, 85%, 54%
HSV	28°, 84%, 93%
XYZ	43.2575, 34.1097, 6.1376
YIQ	151.5050, 93.3040, -5.9280

# Conversions

## Conversions Part 2

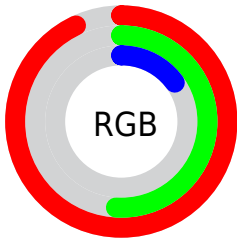
Format	Color
R <sub>Y</sub> B	237, 209, 38
Decimal	15565350
CIE Lab	65.05, 35.25, 63.06
CIE LCh	65, 72.240, 60.793
Yxy	34.1097, 0.5180, 0.4085
Android (android.graphics.Color)	4293755430 (0xFFED8226)
YUV	151.5050, -55.9580, 74.9791
Hunter-Lab	58.4035, 30.0028, 34.6517

# Details

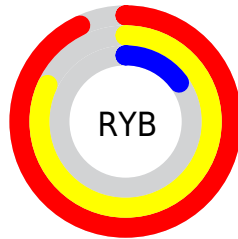
The Hex color **ED8226** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **2691ED**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFB85C**, and **AE4F00** is the 20% darker color. If you saturate the color by 10%, you get **ED750E**, and if you desaturate by 10%, it is **ED8F3E**.

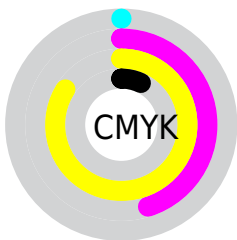
# Distribution



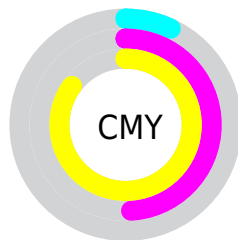
- Red (93%)
- Green (51%)
- Blue (15%)



- Red (93%)
- Yellow (82%)
- Blue (15%)



- Cyan (0%)
- Magenta (45%)
- Yellow (84%)
- Black (7%)



- Cyan (7%)
- Magenta (49%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ED8226 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 ED8226 by changing the saturation by 10% instead.



 ED8226

 ED8226

FFFFFF

 CE6801

 FFB85C

 AE4F00

 FFD477

 903600

 FFF192

 721E00

 FFFFAD

 540100

 FFFFC9

 390000

 FFFFEE

 1B0001

 000000

 ED8226

 ED8226

ED750E

ED8F3E

ED6E00

ED9B55

EDA86D

EDB585

EDC29C

EDCEB4

EDDBCC

EDE8E4

EDF5FB

# Harmonies

## Analogous

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



FF6660



ED8226



BB9C00

# Triad

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



ED8226



00BB9E



9D8CFE

# Complementary

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



ED8226



2691ED

# 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.



00A5FF



ED8226



00BBDF

# Square

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



ED8226



00B75B



00B4FF



EC6DDE

# Rectangle

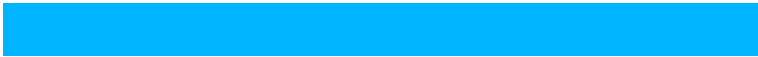
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



ED8226



92A800



00B4FF



7395FF



# Sweetspot

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



ED8226



FFDDBF



ED2693



806B59



000000



808080



# Same Dimension

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



ED8226



FF7600



EDE326



756F6A



B55400



361900

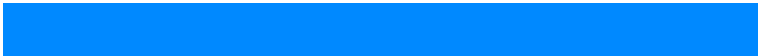


# Inverse Universe

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



2691ED



0089FF



2630ED



6A7075



0061B5



001D36



# Previews

## White Background



This preview shows how the Hex color ED8226 looks on a white background.

## Color Contrast Check

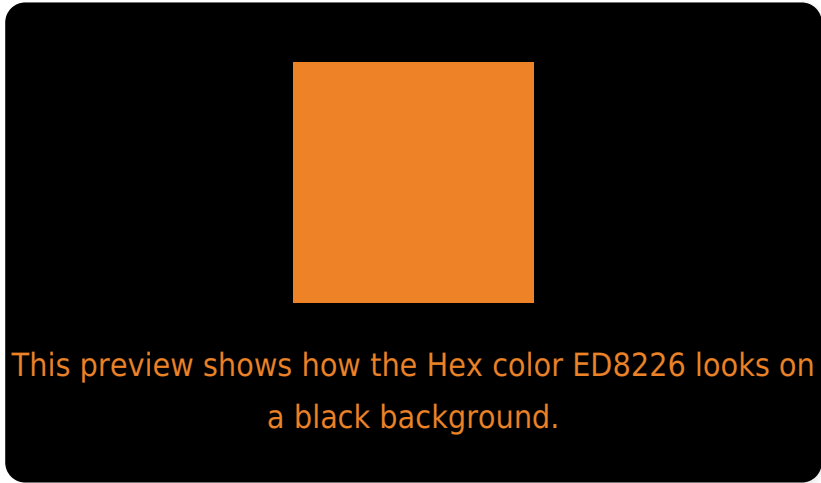
Large Text (above 18pt) WCAG AA × Fail

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 ED8226 Background



This preview shows how black text looks on a background with the Hex color ED8226.



This preview shows how white text looks on a background with the Hex color ED8226.

# 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**  
ED8226

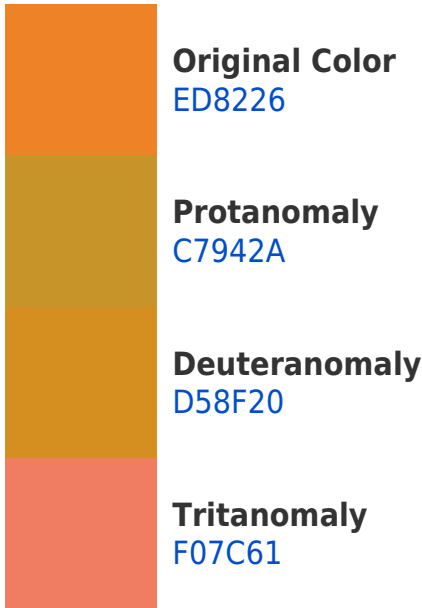
**Protanopia**  
B29F2D

**Deuteranopia**  
C8961C

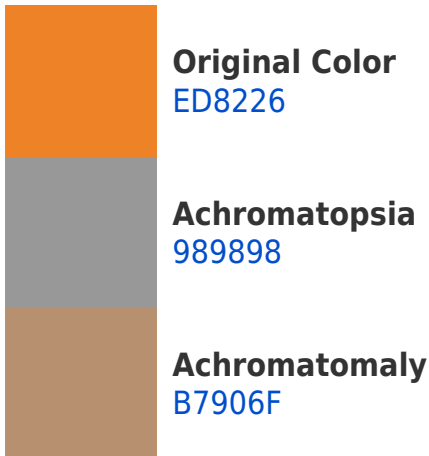


**Tritanopia**  
F17982

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ED8226 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 #ED8226 looks like.

```
.text, #text, p{  
    color:#ED8226  
}
```

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 #ED8226 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED8226
}
```

## Border

The CSS property to change the border of an element to Hex ED8226 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
#ED8226 }
```

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

```
.border{ border-color:#ED8226 }
```

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

Here you see how a box with a 4 pixel #ED8226 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED8226; -webkit-box-shadow:4px 4px  
4px 4px #ED8226; box-shadow:4px 4px 4px  
4px #ED8226 }
```

# Background

The CSS property to change the background color of an element to Hex ED8226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED8226 }
```

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

```
.background{ background-color:#ED8226 }
```

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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