

Converting Colors

Hex(ED8200)

Have a look what the booklet for
Hex(ED8200) contains.

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Color

Hex(ED8200)

Conversions

Conversions Part 1

Format	Color
Hex	ED8200
RGB	237, 130, 0
RGB Percent	93%, 51%, 0%
CMY	0.0706, 0.4902, 1.0000
CMYK	0.00, 0.45, 1.00, 0.07
HSL	33°, 100%, 46%
HSV	33°, 100%, 93%
XYZ	42.9077, 33.9698, 4.2953
YIQ	147.1730, 105.5020, -17.7460

Conversions

Conversions Part 2

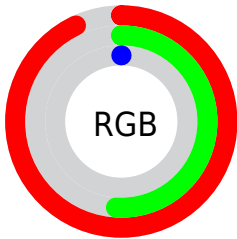
Format	Color
RYB	195, 237, 0
Decimal	15565312
CIELab	64.94, 34.69, 71.47
CIElCh	65, 79.440, 64.108
Yxy	33.9698, 0.5286, 0.4185
Android (android.graphics.Color)	4293755392 (0xFFED8200)
YUV	147.1730, -72.5563, 78.7783
Hunter-Lab	58.2836, 29.4132, 36.4290

Details

The Hex color **ED8200** 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 **006BED**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FFB848**, and **AE4F00** is the 20% darker color. If you saturate the color by 10%, you get **ED8200**, and if you desaturate by 10%, it is **ED8D18**.

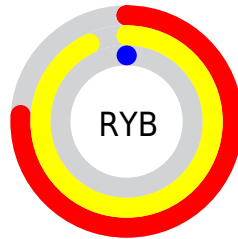
Distribution



Red (93%)

Green (51%)

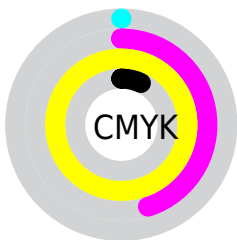
Blue (0%)



Red (76%)

Yellow (93%)

Blue (0%)

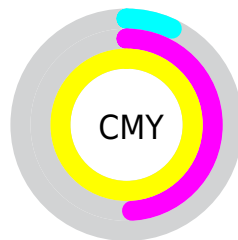


Cyan (0%)

Magenta (45%)

Yellow (100%)

Black (7%)



Cyan (7%)

Magenta (49%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color ED8200 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 ED8200 by changing the saturation by 10% instead.

 ED8200

 ED8200

FFFFFF

 CD6800


 FFB848

 AE4F00

 FFD463

 8F3700

 FFF07F

 711E00

 FFFF9B

 540200

 FFFFB7

 380000

 FFFFD3

 1A0001

 FFFFF1

 000000

 ED8200

 ED8D18

 ED972F

 EDA247

 EDAD5F

 EDB776

 EDC28E

 EDCDA6

 EDD8BE

 EDE2D5

Harmonies

Analogous

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



FF6052



ED8200



B49E00

Triad

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



ED8200



00BDA6



A886FF

Complementary

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



ED8200



006BED

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.



00A3FF



ED8200



00BCEC

Square

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



ED8200



00B95B



00B5FF



F961DD

Rectangle

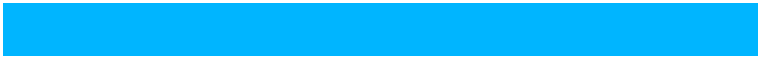
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



ED8200



86AB00



00B5FF



7B91FF

Sweetspot

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



ED8200



FFDCB3



ED006F



806B52



000000



808080

Same Dimension

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



ED8200



FF8C00



E5ED00



75706A



B56300



361D00

Inverse Universe

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



006BED



0073FF



0800ED



6A6F75



0052B5



001836

Previews

White Background



This preview shows how the Hex color ED8200 looks on a white background.

Color Contrast Check

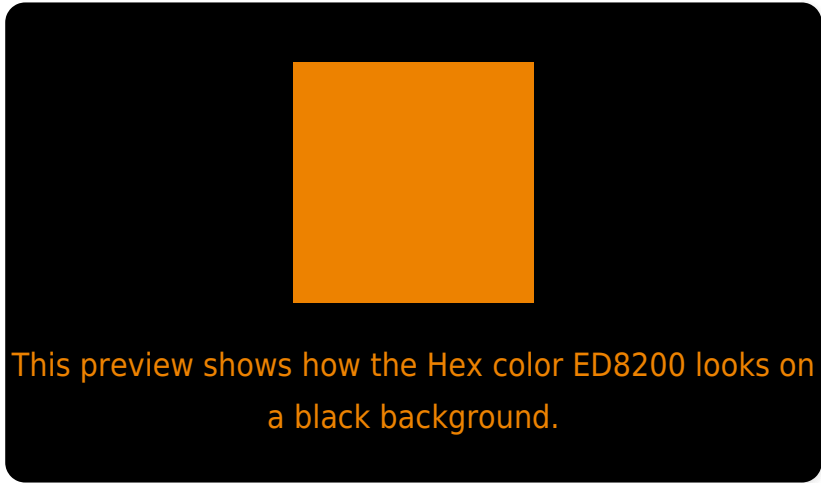
Large Text (above 18pt) WCAG AA × Fail

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 ED8200 Background



This preview shows how black text looks on a background with the Hex color ED8200.

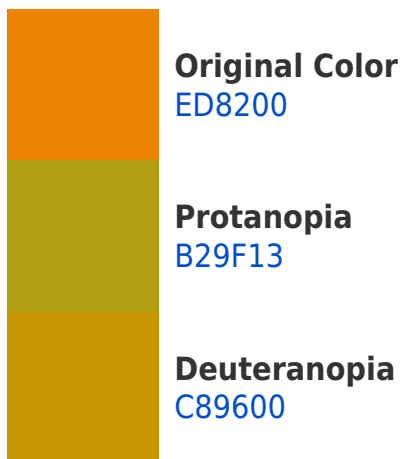


This preview shows how white text looks on a background with the Hex color ED8200.

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
F17981

Trichromacy



Original Color
ED8200

Protanomaly
C7940C

Deuteranomaly
D58F00

Tritanomaly
F07C52

Monochromacy



Original Color
ED8200

Achromatopsia
939393

Achromatomaly
B48D5E

CSS Examples

Text

The CSS property to change the color of the text to Hex ED8200 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 #ED8200 looks like.

```
.text, #text, p{  
    color:#ED8200  
}
```

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 #ED8200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED8200
}
```

Border

The CSS property to change the border of an element to Hex ED8200 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
#ED8200 }
```

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

```
.border{ border-color:#ED8200 }
```

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

Here you see how a box with a 4 pixel #ED8200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED8200; -webkit-box-shadow:4px 4px  
4px 4px #ED8200; box-shadow:4px 4px 4px  
4px #ED8200 }
```

Background

The CSS property to change the background color of an element to Hex ED8200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED8200 }
```

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

```
.background{ background-color:#ED8200 }
```

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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