

Converting Colors

Hex(EC8314)

Have a look what the booklet for
Hex(EC8314) contains.

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Color

Hex(EC8314)

Conversions

Conversions Part 1

Format	Color
Hex	EC8314
RGB	236, 131, 20
RGB Percent	93%, 51%, 8%
CMY	0.0745, 0.4863, 0.9216
CMYK	0.00, 0.44, 0.92, 0.07
HSL	31°, 85%, 50%
HSV	31°, 92%, 93%
XYZ	42.8346, 34.1160, 4.9892
YIQ	149.7410, 98.2110, -12.2610

Conversions

Conversions Part 2

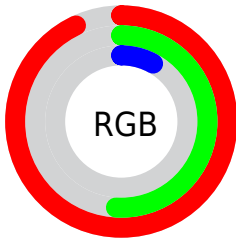
Format	Color
R_{YB}	224, 236, 20
Decimal	15500052
CIE _{Lab}	65.05, 33.97, 68.18
CIE _{LCh}	65, 76.175, 63.515
Yxy	34.1160, 0.5228, 0.4164
Android (android.graphics.Color)	4293690132 (0xFFEC8314)
YUV	149.7410, -63.9623, 75.6491
Hunter-Lab	58.4089, 28.6889, 35.8217

Details

The Hex color **EC8314** 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 **147DEC**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FFB950**, and **AD5000** is the 20% darker color. If you saturate the color by 10%, you get **EC7900**, and if you desaturate by 10%, it is **EC8E2C**.

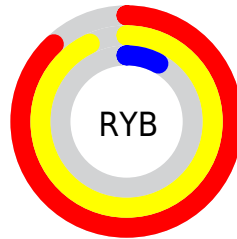
Distribution



Red (93%)

Green (51%)

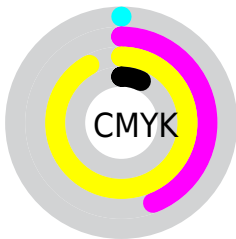
Blue (8%)



Red (88%)

Yellow (93%)

Blue (8%)

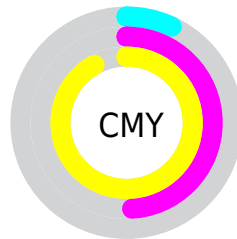


Cyan (0%)

Magenta (44%)

Yellow (92%)

Black (7%)



Cyan (7%)

Magenta (49%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color EC8314 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 EC8314 by changing the saturation by 10% instead.

 EC8314

 EC8314

FFFFFF

 CC6900

 FFB950

 AD5000

 FFD56B

 8F3800

 FFF186

 701F00

 FFFFA2

 530400

 FFFFBE

 380000

 FFFFDB

 190001

 FFFFF8

 000000

 EC8314

 EC8314

 EC7900

 EC8E2C

 EC9A43

 ECA55B

 ECB172

 ECBC8A

 ECC8A2

 ECD3B9

 ECDFD1

 ECEAE8

Harmonies

Analogous

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



FF6457



EC8314



B69E00

Triad

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



EC8314



00BDA4



A688FF

Complementary

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



EC8314



147DEC

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



EC8314



00BCE8

Square

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



EC8314



00B95D



00B5FF



F566DC

Rectangle

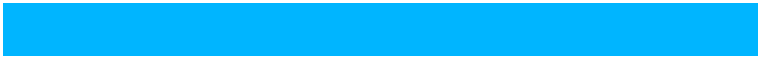
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EC8314



89AA00



00B5FF



7C92FF

Sweetspot

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



EC8314



FFDEBA



EC1480



806C57



000000



808080

Same Dimension

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



EC8314



FF8300



ECEC14



75706A



B55D00



361C00

Inverse Universe

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



147DEC



007CFF



1414EC



6A6F75



0058B5



001A36

Previews

White Background



This preview shows how the Hex color EC8314 looks on a white background.

Color Contrast Check

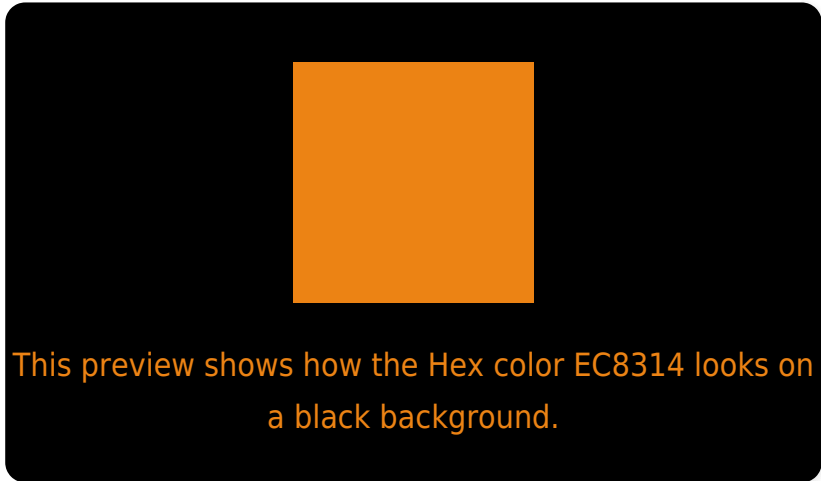
Large Text (above 18pt) WCAG AA × Fail

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 EC8314 Background



This preview shows how black text looks on a background with the Hex color EC8314.



This preview shows how white text looks on a background with the Hex color EC8314.

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
EC8314

Protanopia
B29F1C

Deuteranopia
C89600



Tritanopia
F07A83

Trichromacy



Original Color
EC8314

Protanomaly
C79519

Deuteranomaly
D58F07

Tritanomaly
EF7D5B

Monochromacy



Original Color
EC8314

Achromatopsia
969696

Achromatomaly
B58F67

CSS Examples

Text

The CSS property to change the color of the text to Hex EC8314 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 #EC8314 looks like.

```
.text, #text, p{  
    color:#EC8314  
}
```

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 #EC8314 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC8314
}
```

Border

The CSS property to change the border of an element to Hex EC8314 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
#EC8314 }
```

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

```
.border{ border-color:#EC8314 }
```

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

Here you see how a box with a 4 pixel #EC8314 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC8314; -webkit-box-shadow:4px 4px  
4px 4px #EC8314; box-shadow:4px 4px 4px  
4px #EC8314 }
```

Background

The CSS property to change the background color of an element to Hex EC8314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC8314 }
```

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

```
.background{ background-color:#EC8314 }
```

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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