

# Converting Colors

Hex(EA814B)

Have a look what the booklet for  
Hex(EA814B) contains.

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**Color**

**Hex(EA814B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EA814B
RGB	234, 129, 75
RGB Percent	92%, 51%, 29%
CMY	0.0824, 0.4941, 0.7059
CMYK	0.00, 0.45, 0.68, 0.08
HSL	20°, 79%, 61%
HSV	20°, 68%, 92%
XYZ	43.0519, 33.7009, 10.8925
YIQ	154.2390, 79.9140, 5.4660

# Conversions

## Conversions Part 2

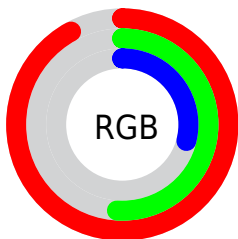
Format	Color
<a href="#">RYB</a>	<a href="#">234, 157, 75</a>
Decimal	<a href="#">15368523</a>
CIELab	<a href="#">64.72, 36.04, 46.34</a>
CIElCh	<a href="#">65, 58.703, 52.124</a>
Yxy	<a href="#">33.7009, 0.4912, 0.3845</a>
Android (android.graphics.Color)	<a href="#">4293558603</a> (0xFFEA814B)
YUV	<a href="#">154.2390, -39.0648, 69.9504</a>
Hunter-Lab	<a href="#">58.0525, 30.7843, 29.5121</a>

# Details

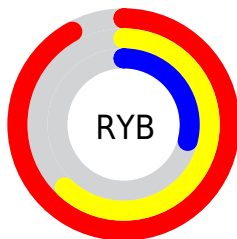
The Hex color **EA814B** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **4BB4EA**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFB77E**, and **AD4E1A** is the 20% darker color. If you saturate the color by 10%, you get **EA7234**, and if you desaturate by 10%, it is **EA9062**.

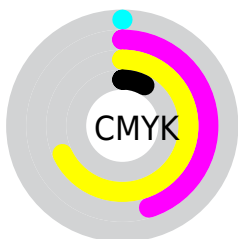
# Distribution



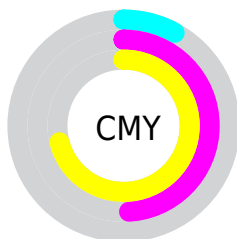
- Red (92%)
- Green (51%)
- Blue (29%)



- Red (92%)
- Yellow (62%)
- Blue (29%)



- Cyan (0%)
- Magenta (45%)
- Yellow (68%)
- Black (8%)



- Cyan (8%)
- Magenta (49%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EA814B 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 EA814B by changing the saturation by 10% instead.



 EA814B

 EA814B

FFFFFF

 CB6733

 FFB77E

 AD4E1A

 FFD398

 8F3500

 FFF0B3

 721C00

 FFFF00

 540000

 FFFF00

 390000

 1A0001

 000000

 EA814B

 EA814B

 EA7234

 EA9062

 EA621C

 EAA07A

 EA5305

 EAAF91

 EA4F00

 EABFA9

 EACEC0

 EADED7

 EAEDF

 EAFDFF

 EAF

# Harmonies

## Analogous

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



FC7079



EA814B



C5962E

# Triad

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



EA814B



00B68D



8695FF

# Complementary

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



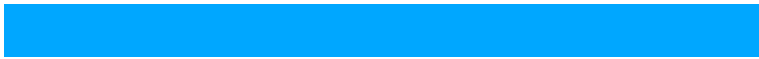
EA814B



4BB4EA

# 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.



00A7FF



EA814B



00B6C3

# Square

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



EA814B



52B059



00B2EF



CF7FDE

# Rectangle

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



EA814B



A5A12D



00B2EF



619CFF

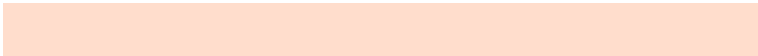


# Sweetspot

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



EA814B



FFDDCC



EA4BB5



806B61



000000



808080



# Same Dimension

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



EA814B



FF752E



EACF4B



756E6A



B53D00



361200



# Inverse Universe

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



4BB4EA



2EB8FF



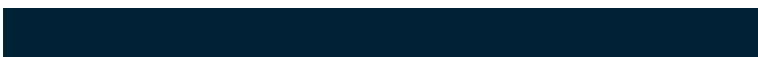
4B66EA



6A7175



0078B5



002336



# Previews

## White Background



This preview shows how the Hex color EA814B looks on a white background.

## Color Contrast Check

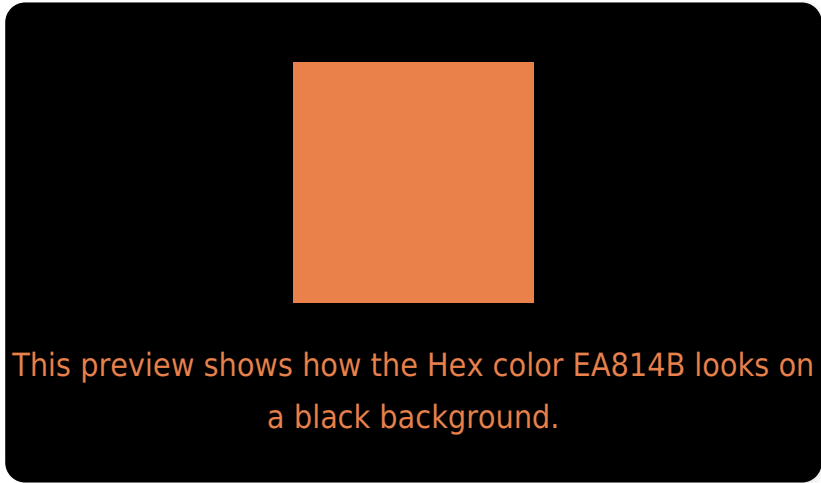
Large Text (above 18pt) WCAG AA × Fail

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

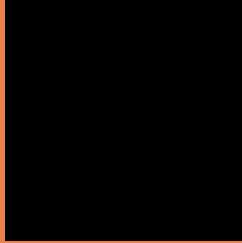
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex EA814B Background



This preview shows how black text looks on a background with the Hex color EA814B.

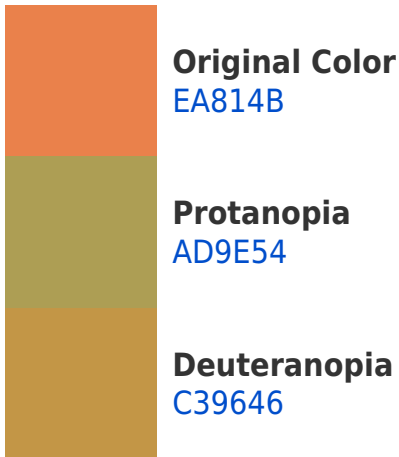



This preview shows how white text looks on a background with the Hex color EA814B.

# 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](#).

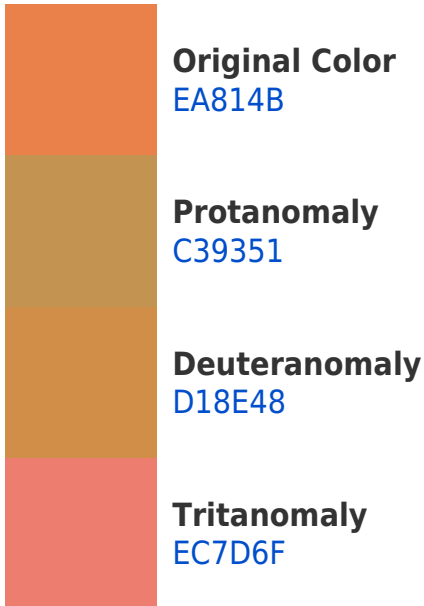
## Dichromacy



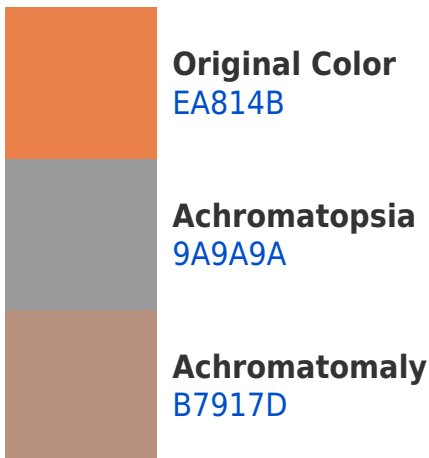


**Tritanopia**  
ED7A83

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EA814B 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 #EA814B looks like.

```
.text, #text, p{  
    color:#EA814B  
}
```

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 #EA814B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA814B
}
```

## Border

The CSS property to change the border of an element to Hex EA814B 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
#EA814B }
```

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

```
.border{ border-color:#EA814B }
```

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

Here you see how a box with a 4 pixel #EA814B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA814B; -webkit-box-shadow:4px 4px  
4px 4px #EA814B; box-shadow:4px 4px 4px  
4px #EA814B }
```

# Background

The CSS property to change the background color of an element to Hex EA814B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA814B }
```

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

```
.background{ background-color:#EA814B }
```

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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