

Converting Colors

Hex(EA8151)

Have a look what the booklet for
Hex(EA8151) contains.

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Color

Hex(EA8151)

Conversions

Conversions Part 1

Format	Color
Hex	EA8151
RGB	234, 129, 81
RGB Percent	92%, 51%, 32%
CMY	0.0824, 0.4941, 0.6824
CMYK	0.00, 0.45, 0.65, 0.08
HSL	19°, 78%, 62%
HSV	19°, 65%, 92%
XYZ	43.2671, 33.7870, 12.0257
YIQ	154.9230, 77.9880, 7.3320

Conversions

Conversions Part 2

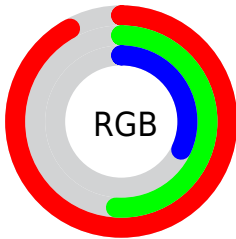
Format	Color
RYB	234, 151, 81
Decimal	15368529
CIELab	64.79, 36.38, 43.34
CIELCh	65, 56.588, 49.987
Yxy	33.7870, 0.4857, 0.3793
Android (android.graphics.Color)	4293558609 (0xFFEA8151)
YUV	154.9230, -36.4440, 69.3505
Hunter-Lab	58.1266, 31.1468, 28.4222

Details

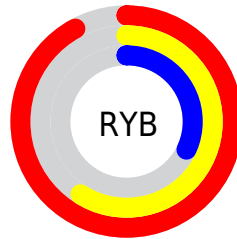
The Hex color **EA8151** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **51BAEA**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFB784**, and **AD4E21** is the 20% darker color. If you saturate the color by 10%, you get **EA713A**, and if you desaturate by 10%, it is **EA9168**.

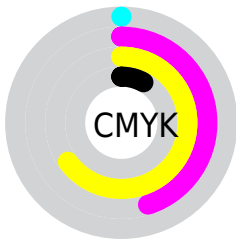
Distribution



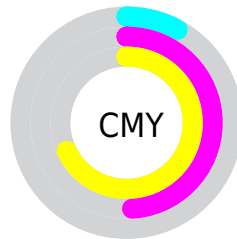
- Red (92%)
- Green (51%)
- Blue (32%)



- Red (92%)
- Yellow (59%)
- Blue (32%)



- Cyan (0%)
- Magenta (45%)
- Yellow (65%)
- Black (8%)



- Cyan (8%)
- Magenta (49%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color EA8151 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 EA8151 by changing the saturation by 10% instead.

 EA8151

 EA8151

FFFFFF

 CB6739

 FFB784

 AD4E21

 FFD39E

 8F3508

 FFF0BA

 721B00

 FFFFD5

 550000

 FFFFF2

 390000

 1B0001

 000000

 EA8151

 EA8151

EA713A

EA9168

EA6122

EAA180

EA510B

EAB197

EA4900

EAC1AF

EAD1C6

EAE1DD

EAF1F5

EAFFFF

Harmonies

Analogous

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



FA727D



EA8151



C79534

Triad

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



EA8151



00B58A



8197FD

Complementary

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



EA8151



51BAEA

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.



00A8FF



EA8151



00B6BE

Square

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



EA8151



5BAF59



00B2EA



CA82DF

Rectangle

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



EA8151



A9A032



00B2EA



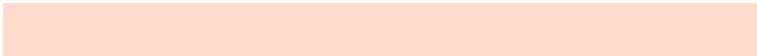
5D9DFF

Sweetspot

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



EA8151



FFDCCC



EA51BC



806B61



000000



808080

Same Dimension

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



EA8151



FF7738



EACB51



756D6A



B53900



361100

Inverse Universe

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



51BAEA



38C1FF



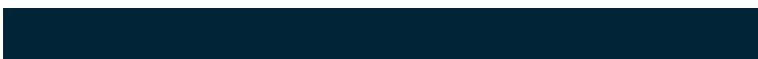
5170EA



6A7275



007CB5



002536

Previews

White Background



This preview shows how the Hex color EA8151 looks on a white background.

Color Contrast Check

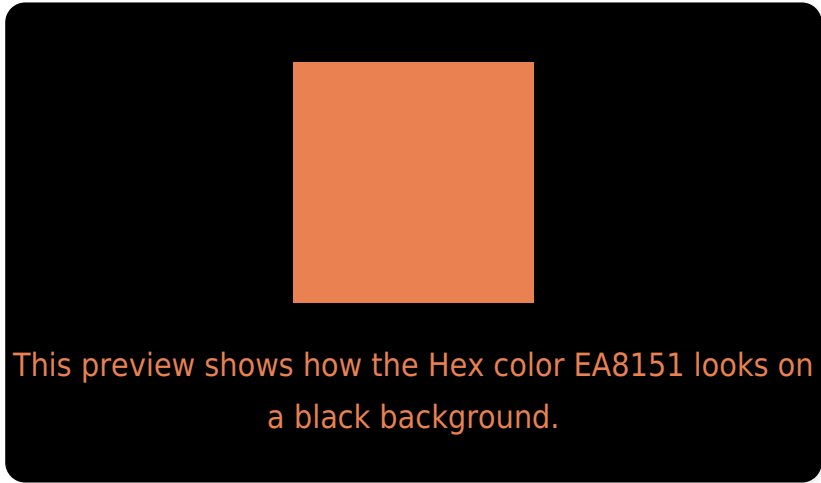
Large Text (above 18pt) WCAG AA × Fail

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

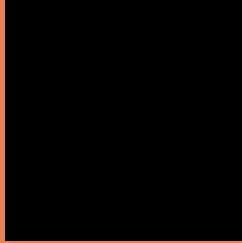
Any Text WCAG AA ✓ Pass

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 EA8151 Background



This preview shows how black text looks on a background with the Hex color EA8151.

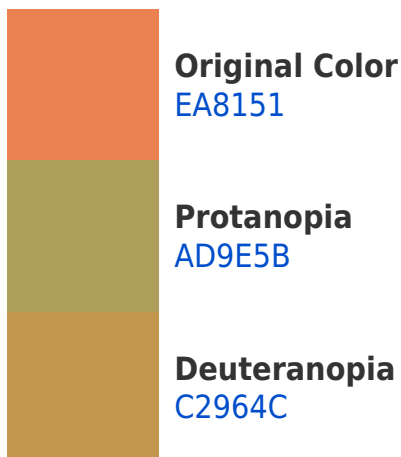


This preview shows how white text looks on a background with the Hex color EA8151.

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](#).

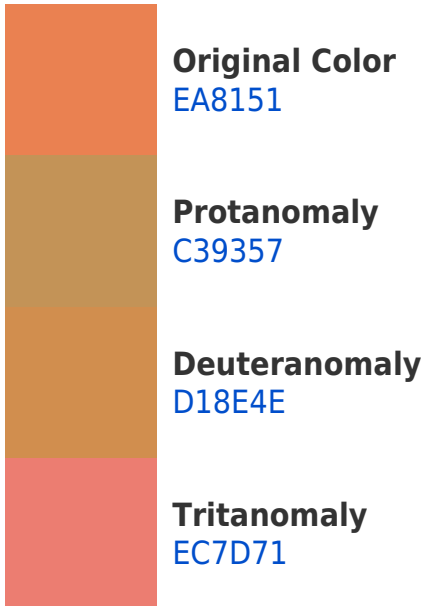
Dichromacy



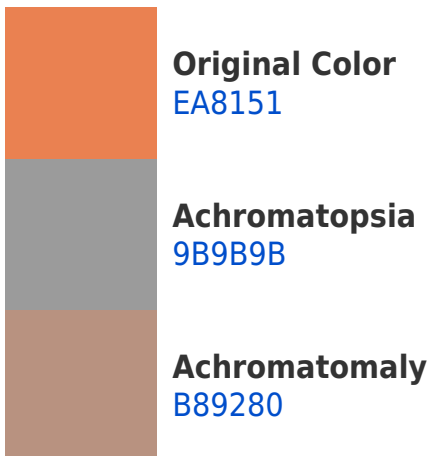


Tritanopia
ED7B84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EA8151 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 #EA8151 looks like.

```
.text, #text, p{  
    color:#EA8151  
}
```

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 #EA8151 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA8151
}
```

Border

The CSS property to change the border of an element to Hex EA8151 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
#EA8151 }
```

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

```
.border{ border-color:#EA8151 }
```

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

Here you see how a box with a 4 pixel #EA8151 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA8151; -webkit-box-shadow:4px 4px  
4px 4px #EA8151; box-shadow:4px 4px 4px  
4px #EA8151 }
```

Background

The CSS property to change the background color of an element to Hex EA8151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA8151 }
```

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

```
.background{ background-color:#EA8151 }
```

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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