

Converting Colors

Hex(EA983B)

Have a look what the booklet for
Hex(EA983B) contains.

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Color

Hex(EA983B)

Conversions

Conversions Part 1

Format	Color
Hex	EA983B
RGB	234, 152, 59
RGB Percent	92%, 60%, 23%
CMY	0.0824, 0.4039, 0.7686
CMYK	0.00, 0.35, 0.75, 0.08
HSL	32°, 81%, 57%
HSV	32°, 75%, 92%
XYZ	45.9493, 40.2647, 9.4877
YIQ	165.9160, 78.7250, -11.5390

Conversions

Conversions Part 2

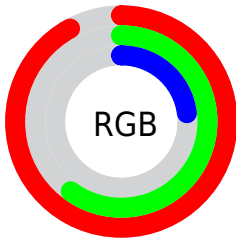
Format	Color
R _Y B	213, 234, 59
Decimal	15374395
CIE Lab	69.66, 23.21, 59.02
CIE LCh	70, 63.416, 68.536
Yxy	40.2647, 0.4801, 0.4207
Android (android.graphics.Color)	4293564475 (0xFFEA983B)
YUV	165.9160, -52.7096, 59.7097
Hunter-Lab	63.4544, 18.2121, 35.5530

Details

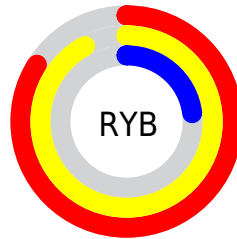
The Hex color **EA983B** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **3B8DEA**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFCE70**, and **AD6500** is the 20% darker color. If you saturate the color by 10%, you get **EA8D24**, and if you desaturate by 10%, it is **EAA352**.

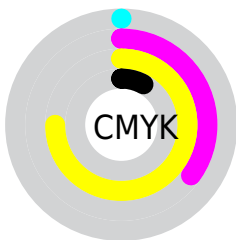
Distribution



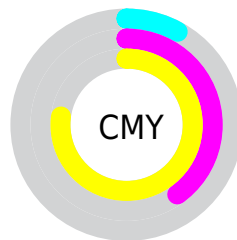
- Red (92%)
- Green (60%)
- Blue (23%)



- Red (84%)
- Yellow (92%)
- Blue (23%)



- Cyan (0%)
- Magenta (35%)
- Yellow (75%)
- Black (8%)



- Cyan (8%)
- Magenta (40%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color EA983B 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 EA983B by changing the saturation by 10% instead.

 EA983B

 EA983B

FFFFFF

 CB7E1F

 FFCE70

 AD6500

 FFE88A

 8F4D00

 FFFFA6

 723500

 FFFFC2

 551F00

 FFFFDE

 3A0900

 FFFFFB

 230001

 000000

 EA983B

 EA983B

EA8D24

EAA352

EA820C

EAAE6A

EA7C00

EAB981

EAC499

EACFB0

EADAC7

EAE5DF

EAF0F6

EAFBFF

Harmonies

Analogous

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



FF8165



EA983B



B9AD2D

Triad

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



EA983B



00C6B9



C294FF

Complementary

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



EA983B



3B8DEA

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.



53ABFF



EA983B



00C4F0

Square

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



EA983B



00C37E



00BCFF



FC7DD6

Rectangle

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



EA983B



92B73D



00BCFF



A69CFF

Sweetspot

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



EA983B



FFE5C7



EA3B90



80705E



000000



808080

Same Dimension

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



EA983B



FF9319



E7EA3B



75706A



B56000



361C00

Inverse Universe

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



3B8DEA



1985FF



3E3BEA



6A6F75



0055B5



001936

Previews

White Background



This preview shows how the Hex color EA983B looks on a white background.

Color Contrast Check

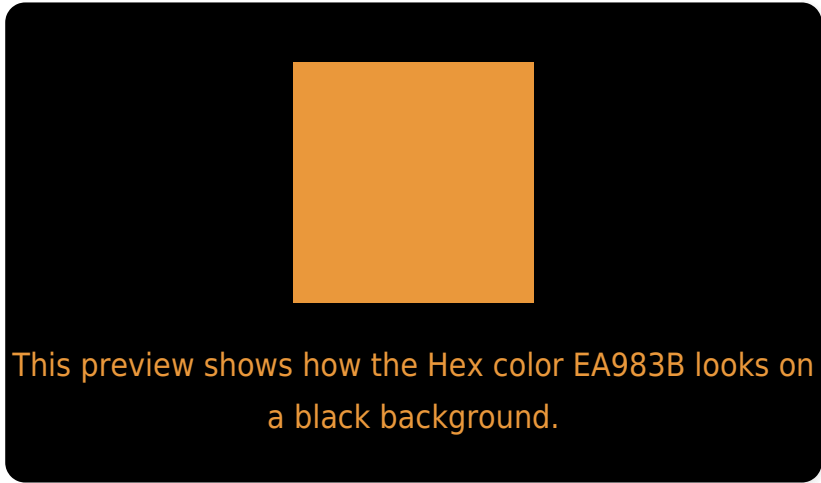
Large Text (above 18pt) WCAG AA × Fail

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 EA983B Background



This preview shows how black text looks on a background with the Hex color EA983B.

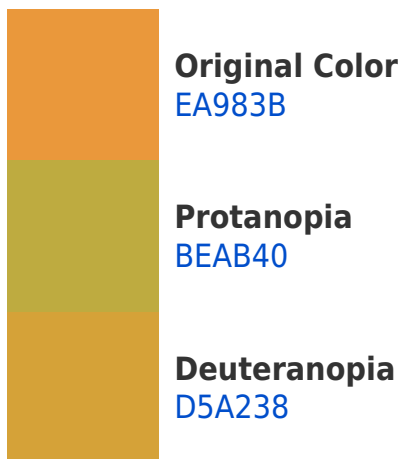


This preview shows how white text looks on a background with the Hex color EA983B.

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](#).

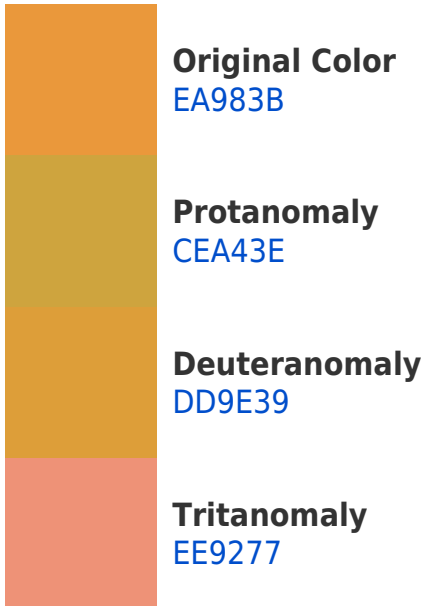
Dichromacy



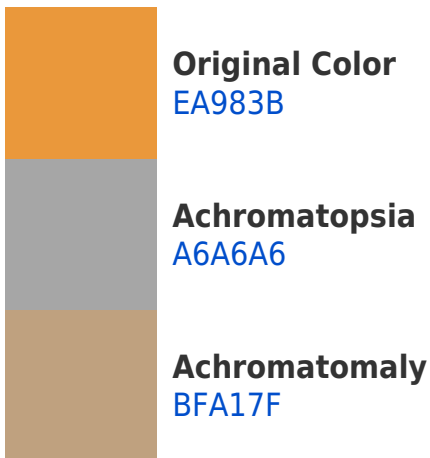


Tritanopia
F08E99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EA983B 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 #EA983B looks like.

```
.text, #text, p{  
    color:#EA983B  
}
```

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 #EA983B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA983B
}
```

Border

The CSS property to change the border of an element to Hex EA983B 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
#EA983B }
```

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

```
.border{ border-color:#EA983B }
```

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

Here you see how a box with a 4 pixel #EA983B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA983B; -webkit-box-shadow:4px 4px  
4px 4px #EA983B; box-shadow:4px 4px 4px  
4px #EA983B }
```

Background

The CSS property to change the background color of an element to Hex EA983B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA983B }
```

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

```
.background{ background-color:#EA983B }
```

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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