

Converting Colors

Hex(EB944F)

Have a look what the booklet for
Hex(EB944F) contains.

Hex(EB944F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(EB944F)

Conversions

Conversions Part 1

Format	Color
Hex	EB944F
RGB	235, 148, 79
RGB Percent	92%, 58%, 31%
CMY	0.0784, 0.4196, 0.6902
CMYK	0.00, 0.37, 0.66, 0.08
HSL	27°, 80%, 62%
HSV	27°, 66%, 92%
XYZ	46.2621, 39.4065, 12.5651
YIQ	166.1470, 74.0010, -3.0150

Conversions

Conversions Part 2

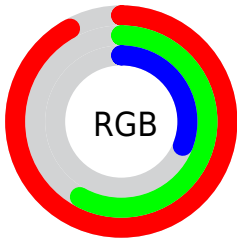
Format	Color
RYB	235, 203, 79
Decimal	15438927
CIELab	69.04, 26.74, 49.26
CIELCh	69, 56.045, 61.508
Yxy	39.4065, 0.4709, 0.4012
Android (android.graphics.Color)	4293629007 (0xFFEB944F)
YUV	166.1470, -42.9635, 60.3841
Hunter-Lab	62.7746, 21.6912, 32.0746

Details

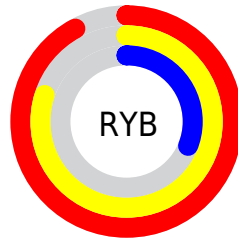
The Hex color **EB944F** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **4FA6EB**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFCA82**, and **AE611D** is the 20% darker color. If you saturate the color by 10%, you get **EB8738**, and if you desaturate by 10%, it is **EBA167**.

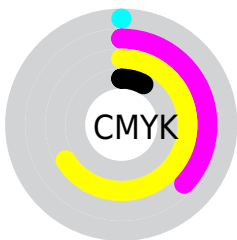
Distribution



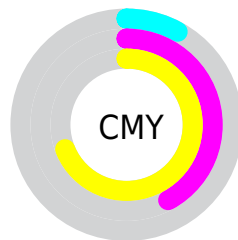
- Red (92%)
- Green (58%)
- Blue (31%)



- Red (92%)
- Yellow (80%)
- Blue (31%)



- Cyan (0%)
- Magenta (37%)
- Yellow (66%)
- Black (8%)



- Cyan (8%)
- Magenta (42%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB944F 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 EB944F by changing the saturation by 10% instead.

 EB944F

 EB944F

FFFFFF

 CD7A36

 FFCA82

 AE611D

 FFE79D

 914800

 FFFFB9

 743100

 FFFFD5

 571A00

 FFFFF1

 3C0300

 240001

 000000

 EB944F

 EB944F

 EB8738

 EBA167

 EB7A20

 EBAE7E

 EB6D09

 EBBB95

 EB6800

 EBC8AD

 EBD6C5

 EBE3DC

 EBF0F4

 EBFDFE

 EBFFFF

Harmonies

Analogous

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



FF8276



EB944F



C3A73D

Triad

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



EB944F



00C2AA



AE9AFF

Complementary

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



EB944F



4FA6EB

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.



44ADFF



EB944F



00C1DC

Square

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



EB944F



48BE76



00BAFF



E986DA

Rectangle

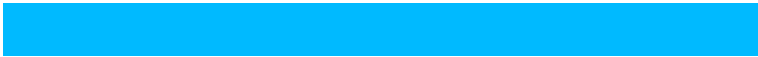
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EB944F



A1B144



00BAFF



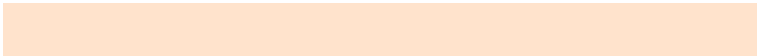
93A1FF

Sweetspot

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



EB944F



FFE3CC



EB4FA7



806E61



000000



808080

Same Dimension

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



EB944F



FF8D33



EBE14F



756F6A



B55000



361800

Inverse Universe

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



4FA6EB



33A5FF



4F59EB



6A7075



0065B5



001E36

Previews

White Background



This preview shows how the Hex color EB944F looks on a white background.

Color Contrast Check

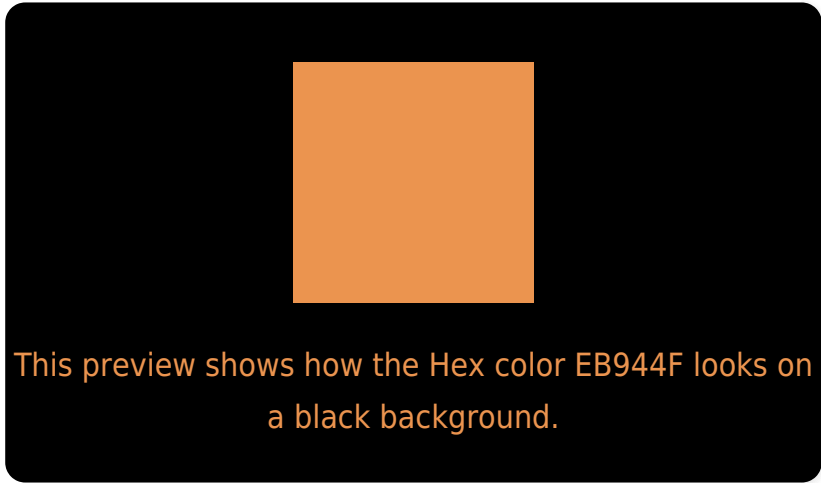
Large Text (above 18pt) WCAG AA × Fail

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

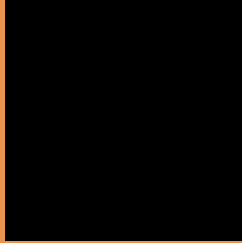
Any Text WCAG AA ✓ Pass

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 EB944F Background



This preview shows how black text looks on a background with the Hex color EB944F.

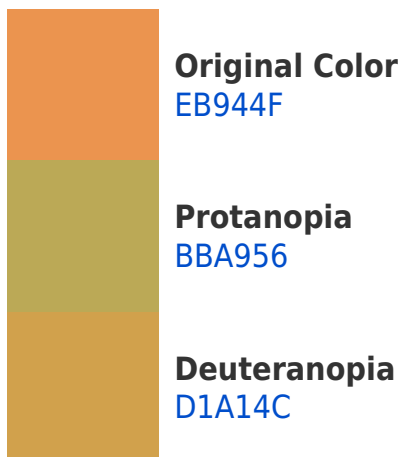


This preview shows how white text looks on a background with the Hex color EB944F.

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](#).

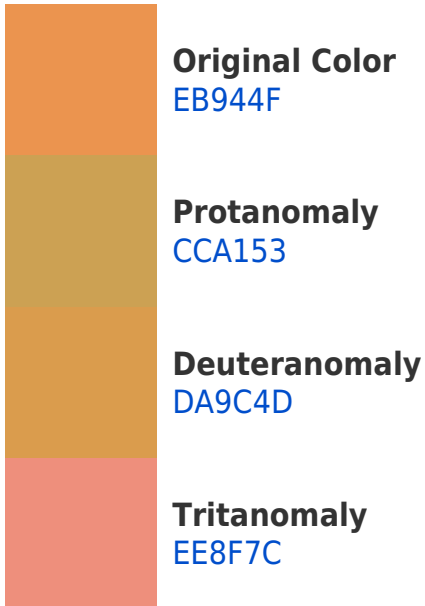
Dichromacy



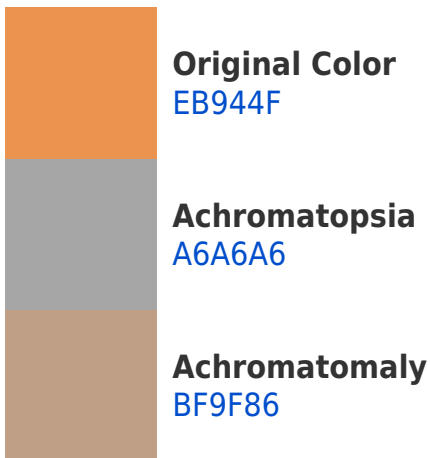


Tritanopia
F08C96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EB944F 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 #EB944F looks like.

```
.text, #text, p{  
    color:#EB944F  
}
```

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 #EB944F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB944F
}
```

Border

The CSS property to change the border of an element to Hex EB944F 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
#EB944F }
```

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

```
.border{ border-color:#EB944F }
```

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

Here you see how a box with a 4 pixel #EB944F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB944F; -webkit-box-shadow:4px 4px  
4px 4px #EB944F; box-shadow:4px 4px 4px  
4px #EB944F }
```

Background

The CSS property to change the background color of an element to Hex EB944F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB944F }
```

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

```
.background{ background-color:#EB944F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor