

Converting Colors

Hex(EC9440)

Have a look what the booklet for
Hex(EC9440) contains.

Hex(EC9440)	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(EC9440)

Conversions

Conversions Part 1

Format	Color
Hex	EC9440
RGB	236, 148, 64
RGB Percent	93%, 58%, 25%
CMY	0.0745, 0.4196, 0.7490
CMYK	0.00, 0.37, 0.73, 0.07
HSL	29°, 82%, 59%
HSV	29°, 73%, 93%
XYZ	46.1074, 39.3828, 10.0220
YIQ	164.7360, 79.4120, -7.4680

Conversions

Conversions Part 2

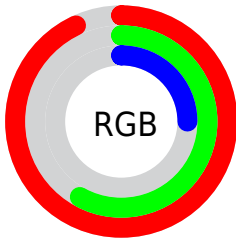
Format	Color
R _{YB}	236, 228, 64
Decimal	15504448
CIE Lab	69.03, 26.37, 56.30
CIE LCh	69, 62.168, 64.902
Yxy	39.3828, 0.4827, 0.4123
Android (android.graphics.Color)	4293694528 (0xFFEC9440)
YUV	164.7360, -49.6628, 62.4985
Hunter-Lab	62.7558, 21.3235, 34.4605

Details

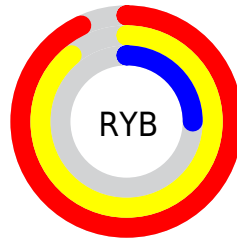
The Hex color **EC9440** is a light color, and the websafe version is hex **FF9933**. The color can be described as light muted orange. A complement of this color would be **4098EC**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFCA74**, and **AF6104** is the 20% darker color. If you saturate the color by 10%, you get **EC8828**, and if you desaturate by 10%, it is **ECA058**.

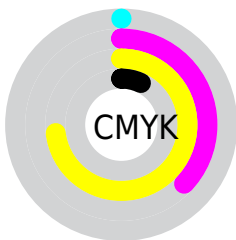
Distribution



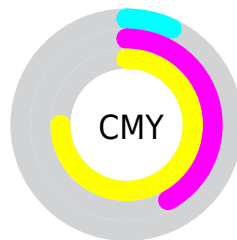
- Red (93%)
- Green (58%)
- Blue (25%)



- Red (93%)
- Yellow (89%)
- Blue (25%)



- Cyan (0%)
- Magenta (37%)
- Yellow (73%)
- Black (7%)



- Cyan (7%)
- Magenta (42%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color EC9440 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 EC9440 by changing the saturation by 10% instead.

 EC9440

 EC9440

FFFFFF

 CD7A26

 FFCA74

 AF6104

 FFE78F

 914800

 FFFFAA

 743100

 FFFFC6

 571A00

 FFFFEE

 3B0300

 240001

 000000

 EC9440

 EC9440

 EC8828

 ECA058

 EC7C11

 ECAC6F

 EC7300

 ECB887

 ECC49E

 ECD0B6

 ECDCCE

 ECE9E5

 ECF5FD

 ECFFFF

Harmonies

Analogous

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



FF7E6B



EC9440



BEA92E

Triad

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



EC9440



00C4B0



B796FF

Complementary

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



EC9440



4098EC

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.



3CACFF



EC9440



00C2E7

Square

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



EC9440



1DC076



00BBFF



F47FD9

Rectangle

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



EC9440



98B33A



00BBFF



999EFF

Sweetspot

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



EC9440



FFE2C7



EC4099



806F5E



000000



808080

Same Dimension

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



EC9440



FF8D21



ECE940



756F6A



B55800



361A00

Inverse Universe

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



4098EC



2193FF



4043EC



6A7075



005DB5



001B36

Previews

White Background



This preview shows how the Hex color EC9440 looks on a white background.

Color Contrast Check

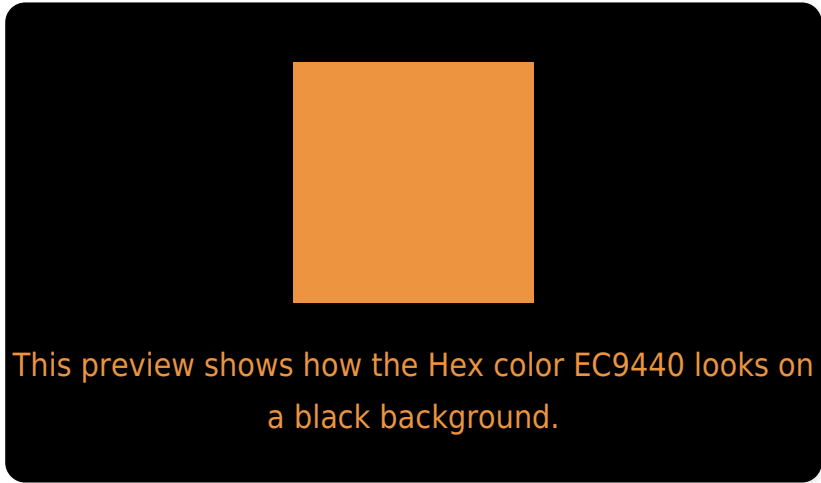
Large Text (above 18pt) WCAG AA × Fail

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 EC9440 Background



This preview shows how black text looks on a background with the Hex color EC9440.

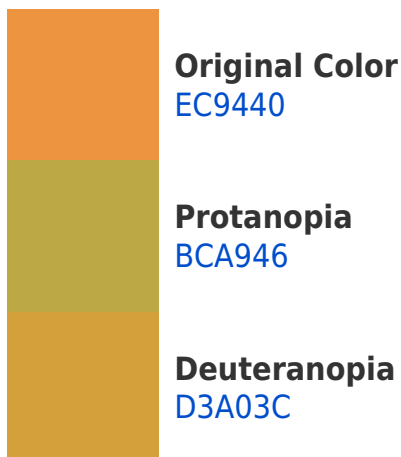


This preview shows how white text looks on a background with the Hex color EC9440.

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](#).

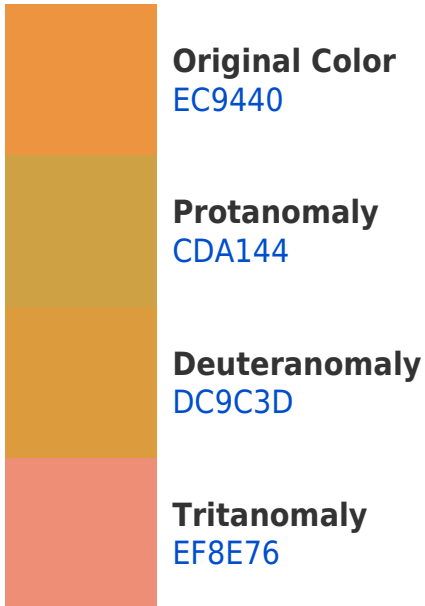
Dichromacy



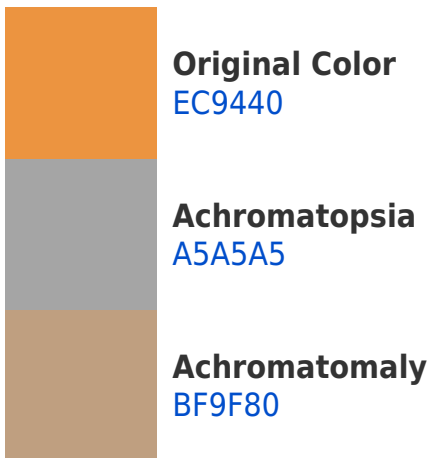


Tritanopia
F18B95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EC9440 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 #EC9440 looks like.

```
.text, #text, p{  
    color:#EC9440  
}
```

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 #EC9440 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC9440
}
```

Border

The CSS property to change the border of an element to Hex EC9440 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
#EC9440 }
```

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

```
.border{ border-color:#EC9440 }
```

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

Here you see how a box with a 4 pixel #EC9440 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC9440; -webkit-box-shadow:4px 4px  
4px 4px #EC9440; box-shadow:4px 4px 4px  
4px #EC9440 }
```

Background

The CSS property to change the background color of an element to Hex EC9440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC9440 }
```

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

```
.background{ background-color:#EC9440 }
```

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