

Converting Colors

Hex(EC9764)

Have a look what the booklet for
Hex(EC9764) contains.

Hex(EC9764)	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(EC9764)

Conversions

Conversions Part 1

Format	Color
Hex	EC9764
RGB	236, 151, 100
RGB Percent	93%, 59%, 39%
CMY	0.0745, 0.4078, 0.6078
CMYK	0.00, 0.36, 0.58, 0.07
HSL	22°, 78%, 66%
HSV	22°, 58%, 93%
XYZ	47.9589, 40.8862, 17.4207
YIQ	170.6010, 67.0310, 2.1590

Conversions

Conversions Part 2

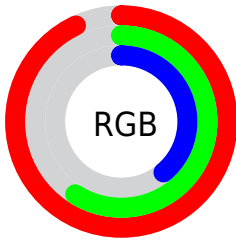
Format	Color
R _Y B	236, 182, 100
Decimal	15505252
CIE Lab	70.10, 26.95, 39.87
CIE LCh	70, 48.123, 55.936
Yxy	40.8862, 0.4513, 0.3848
Android (android.graphics.Color)	4293695332 (0xFFEC9764)
YUV	170.6010, -34.8063, 57.3549
Hunter-Lab	63.9423, 21.9821, 28.6064

Details

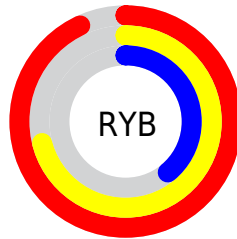
The Hex color **EC9764** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **64B9EC**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFCE98**, and **B06333** is the 20% darker color. If you saturate the color by 10%, you get **EC884C**, and if you desaturate by 10%, it is **ECA67C**.

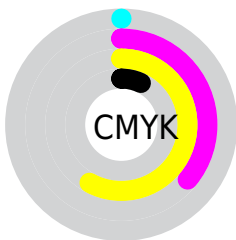
Distribution



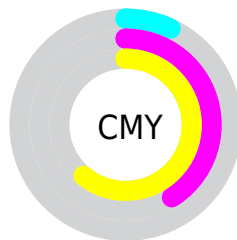
- Red (93%)
- Green (59%)
- Blue (39%)



- Red (93%)
- Yellow (71%)
- Blue (39%)



- Cyan (0%)
- Magenta (36%)
- Yellow (58%)
- Black (7%)



- Cyan (7%)
- Magenta (41%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color EC9764 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 EC9764 by changing the saturation by 10% instead.

 EC9764

 EC9764

FFFFFF

 CE7D4B

 FFCE98

 B06333

 FFEAB3

 934B1C

 FFFFCF

 763303

 FFFFEB

 5B1C00

 3F0500

 280001

 000000

 EC9764

 EC9764

 EC884C

 ECA67C

 EC7935

 ECB493

 EC6B1D

 ECC3AB

 EC5C06

 ECD2C2

 EC5900

 ECE1DA

 ECEFF2

 ECFEFF

 ECFFFF

Harmonies

Analogous

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



FD8A87



EC9764



CBA752

Triad

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



EC9764



00C1A4



A6A2FA

Complementary

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



EC9764



64B9EC

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.



51B2FF



EC9764



00C1D0

Square

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



EC9764



6ABD79



00BCF3



DC92DD

Rectangle

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



EC9764



AFB054



00BCF3



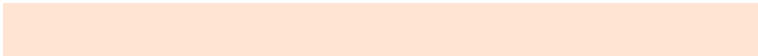
8EA8FF

Sweetspot

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



EC9764



FFE4D4



EC64BA



807066



000000



808080

Same Dimension

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



EC9764



FF914F



ECDA64



756E6A



B54400



361400

Inverse Universe

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



64B9EC



4FBDFE



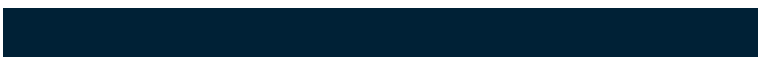
6476EC



6A7175



0071B5



002136

Previews

White Background



This preview shows how the Hex color EC9764 looks on a white background.

Color Contrast Check

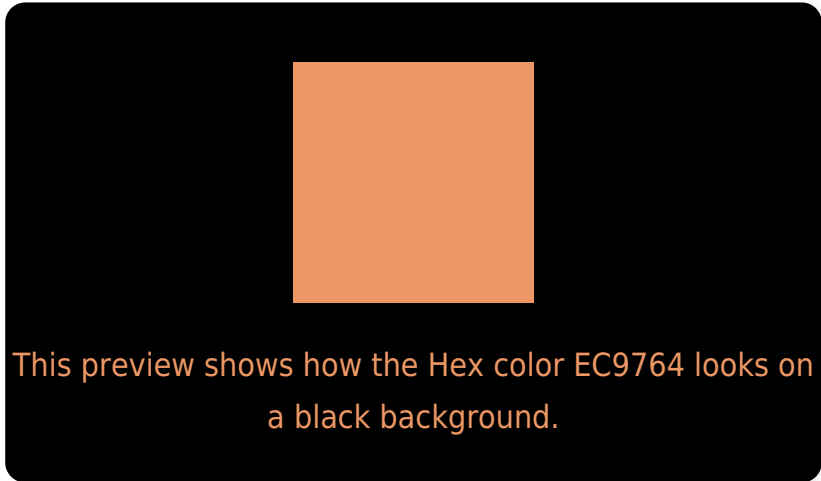
Large Text (above 18pt) WCAG AA × Fail

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

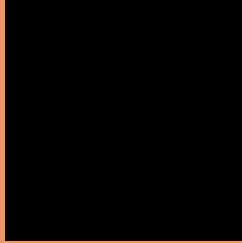
Any Text WCAG AA ✓ Pass

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 EC9764 Background



This preview shows how black text looks on a background with the Hex color EC9764.

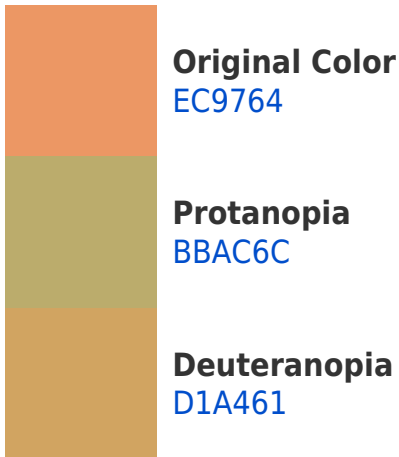


This preview shows how white text looks on a background with the Hex color EC9764.

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](#).

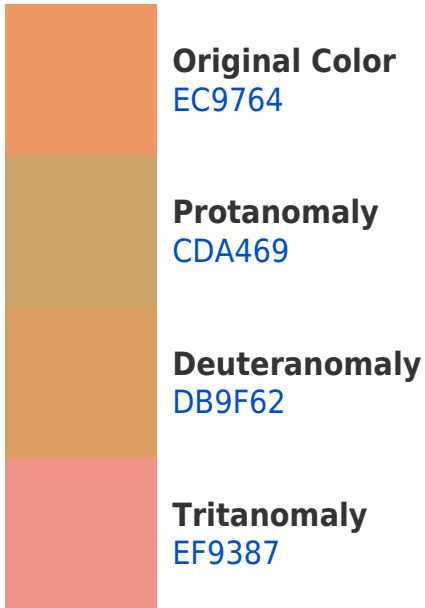
Dichromacy



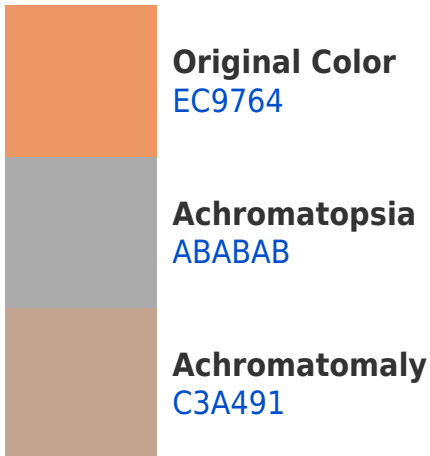


Tritanopia
F0909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EC9764 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 #EC9764 looks like.

```
.text, #text, p{  
    color:#EC9764  
}
```

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 #EC9764 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC9764
}
```

Border

The CSS property to change the border of an element to Hex EC9764 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
#EC9764 }
```

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

```
.border{ border-color:#EC9764 }
```

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

Here you see how a box with a 4 pixel #EC9764 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC9764; -webkit-box-shadow:4px 4px  
4px 4px #EC9764; box-shadow:4px 4px 4px  
4px #EC9764 }
```

Background

The CSS property to change the background color of an element to Hex EC9764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC9764 }
```

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

```
.background{ background-color:#EC9764 }
```

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