

# Converting Colors

Hex(EC954D)

Have a look what the booklet for  
Hex(EC954D) contains.

<b>Hex(EC954D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(EC954D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EC954D
RGB	236, 149, 77
RGB Percent	93%, 58%, 30%
CMY	0.0745, 0.4157, 0.6980
CMYK	0.00, 0.37, 0.67, 0.07
HSL	27°, 81%, 61%
HSV	27°, 67%, 93%
XYZ	46.6791, 39.8636, 12.2554
YIQ	166.8050, 74.9640, -3.9480

# Conversions

## Conversions Part 2

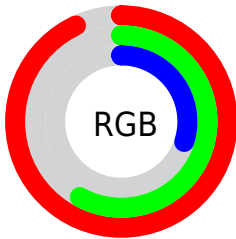
Format	Color
R <sub>Y</sub> B	236, 209, 77
Decimal	15504717
CIE Lab	69.37, 26.50, 50.63
CIE LCh	69, 57.146, 62.370
Yxy	39.8636, 0.4725, 0.4035
Android (android.graphics.Color)	4293694797 (0xFFEC954D)
YUV	166.8050, -44.2739, 60.6840
Hunter-Lab	63.1376, 21.4783, 32.6878

# Details

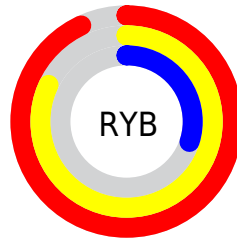
The Hex color **EC954D** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **4DA4EC**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFCB81**, and **AF621A** is the 20% darker color. If you saturate the color by 10%, you get **EC8835**, and if you desaturate by 10%, it is **ECA265**.

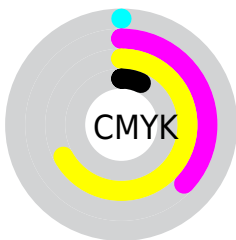
# Distribution



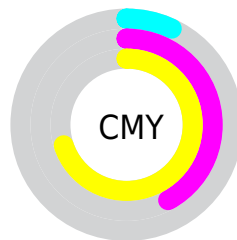
- Red (93%)
- Green (58%)
- Blue (30%)



- Red (93%)
- Yellow (82%)
- Blue (30%)



- Cyan (0%)
- Magenta (37%)
- Yellow (67%)
- Black (7%)



- Cyan (7%)
- Magenta (42%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EC954D 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 EC954D by changing the saturation by 10% instead.



 EC954D

 EC954D

FFFFFF

 CD7B34

 FFCB81

 AF621A

 FFE89B

 924900

 FFFFFB7

 753200

 FFFFFD3

 581B00

 FFFFFF0

 3C0400

 250001

 000000

 EC954D

 EC954D

 EC8835

 ECA265

 EC7B1E

 ECAF7C

 EC6E06

 ECBC94

 EC6B00

 ECC9AB

 ECD6C3

 ECE2DB

 ECEFF2

 ECFCFF

 ECFFFF

# Harmonies

## Analogous

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



FF8375



EC954D



C2A83C

# Triad

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



EC954D



00C3AC



B19AFF

# Complementary

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



EC954D



4DA4EC

# 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.



45AEFF



EC954D



00C2DF

# Square

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



EC954D



43BF77



00BBFF



EC86DA

# Rectangle

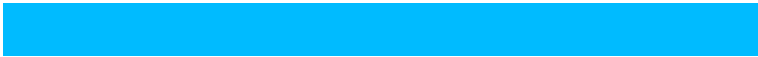
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EC954D



A0B244



00BBFF



95A1FF



# Sweetspot

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



EC954D



FFE3CC



EC4DA4



806F61



000000



808080



# Same Dimension

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



EC954D



FF8E30



ECE44D



756F6A



B55200



361800



# Inverse Universe

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



4DA4EC



30A1FF



4D55EC



6A7075



0063B5



001D36



# Previews

## White Background



This preview shows how the Hex color EC954D looks on a white background.

## Color Contrast Check

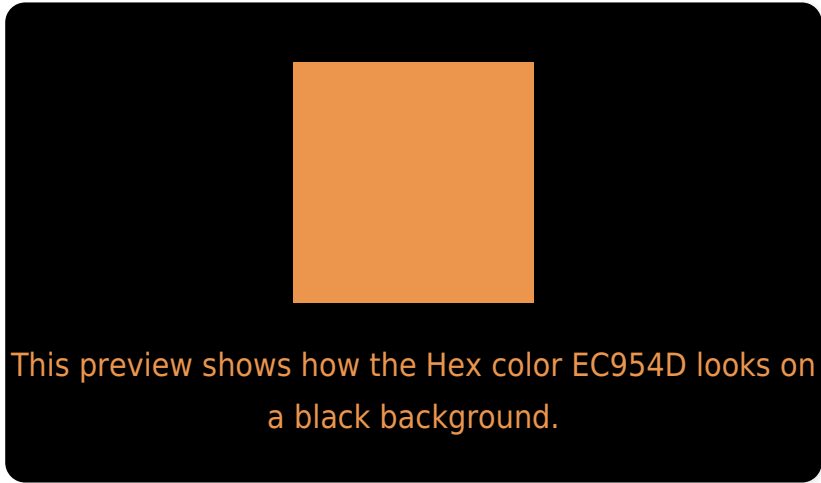
Large Text (above 18pt) WCAG AA × Fail

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

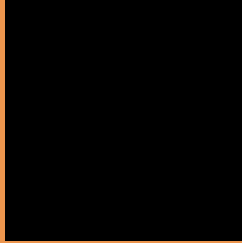
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex EC954D Background



This preview shows how black text looks on a background with the Hex color EC954D.

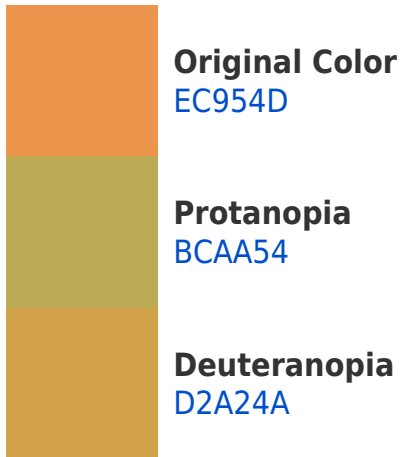


This preview shows how white text looks on a background with the Hex color EC954D.

# 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](#).

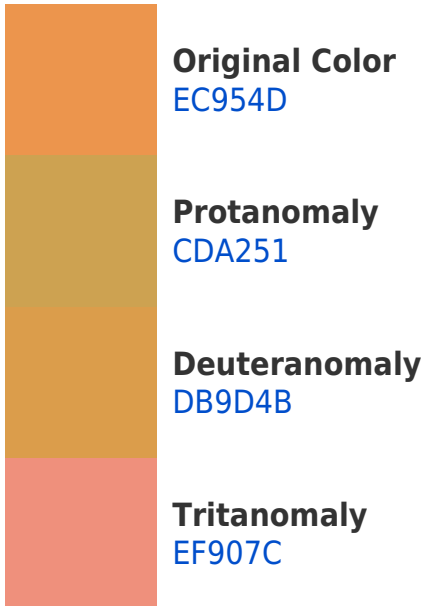
## Dichromacy



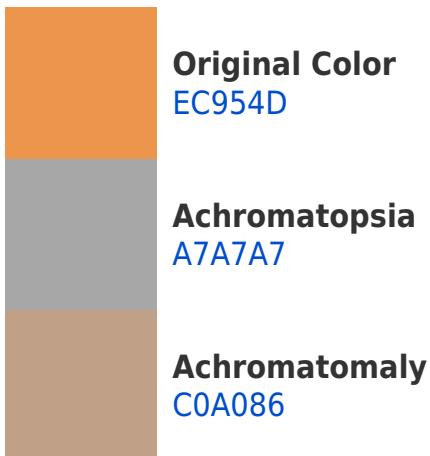


**Tritanopia**  
F18D97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EC954D 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 #EC954D looks like.

```
.text, #text, p{  
    color:#EC954D  
}
```

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 #EC954D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC954D
}
```

## Border

The CSS property to change the border of an element to Hex EC954D 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
#EC954D }
```

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

```
.border{ border-color:#EC954D }
```

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

Here you see how a box with a 4 pixel #EC954D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC954D; -webkit-box-shadow:4px 4px  
4px 4px #EC954D; box-shadow:4px 4px 4px  
4px #EC954D }
```

# Background

The CSS property to change the background color of an element to Hex EC954D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC954D }
```

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

```
.background{ background-color:#EC954D }
```

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