

# Converting Colors

Hex(E5973F)

Have a look what the booklet for  
Hex(E5973F) contains.

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# **Color**

**Hex(E5973F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5973F
RGB	229, 151, 63
RGB Percent	90%, 59%, 25%
CMY	0.1020, 0.4078, 0.7529
CMYK	0.00, 0.34, 0.72, 0.10
HSL	32°, 76%, 57%
HSV	32°, 72%, 90%
XYZ	44.2769, 39.1501, 9.9257
YIQ	164.2900, 74.7360, -10.8320

# Conversions

## Conversions Part 2

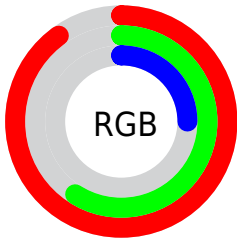
Format	Color
R <sub>Y</sub> B	210, 229, 63
Decimal	15046463
CIE Lab	68.86, 21.82, 56.30
CIE LCh	69, 60.381, 68.811
Yxy	39.1501, 0.4743, 0.4194
Android (android.graphics.Color)	4293236543 (0xFFE5973F)
YUV	164.2900, -49.9360, 56.7507
Hunter-Lab	62.5701, 16.8157, 34.3937

# Details

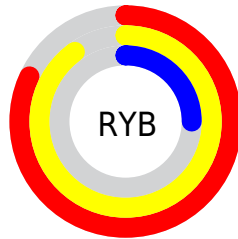
The Hex color **E5973F** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle washed orange. A complement of this color would be **3F8DE5**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFCD73**, and **A96402** is the 20% darker color. If you saturate the color by 10%, you get **E58C28**, and if you desaturate by 10%, it is **E5A256**.

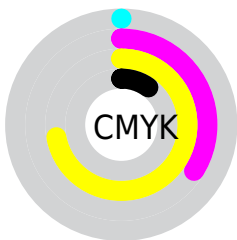
# Distribution



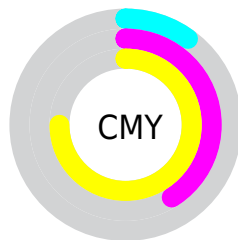
- Red (90%)
- Green (59%)
- Blue (25%)



- Red (82%)
- Yellow (90%)
- Blue (25%)



- Cyan (0%)
- Magenta (34%)
- Yellow (72%)
- Black (10%)



- Cyan (10%)
- Magenta (41%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E5973F 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 E5973F by changing the saturation by 10% instead.



 E5973F

 E5973F

FFFFFF

 C77D24

 FFCD73

 A96402

 FFEA8E

 8B4C00

 FFFFA9

 6E3500

 FFFFC5

 521F00

 FFFFEE

 370900

 1F0001

 000000

 E5973F

 E5973F

 E58C28

 E5A256

 E58111

 E5AD6D

 E57900

 E5B784

 E5C29B

 E5CDB2

 E5D8C8

 E5E2DF

 E5EDF6

 E5F8FF

# Harmonies

## Analogous

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



FF8266



E5973F



B7AA33

# Triad

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



E5973F



00C3B7



C093FE

# Complementary

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



E5973F



3F8DE5

# 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.



5BA9FF



E5973F



00C1EB

# Square

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



E5973F



00C07E



00B8FF



F77ED1

# Rectangle

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



E5973F



91B441



00B8FF



A69AFF



# Sweetspot

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



E5973F



FFE5C7



E53F8F



80705E



000000



808080



# Same Dimension

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



E5973F



FF9721



E2E53F



736D67



B35F00



331B00



# Inverse Universe

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



3F8DE5



2189FF



423FE5



676D73



0054B3



001833



# Previews

## White Background



This preview shows how the Hex color E5973F 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 E5973F Background



This preview shows how black text looks on a background with the Hex color E5973F.

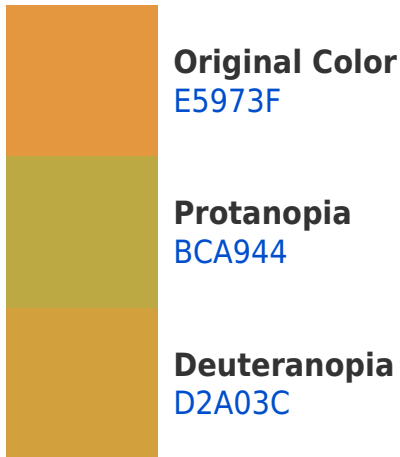


This preview shows how white text looks on a background with the Hex color E5973F.

# 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](#).

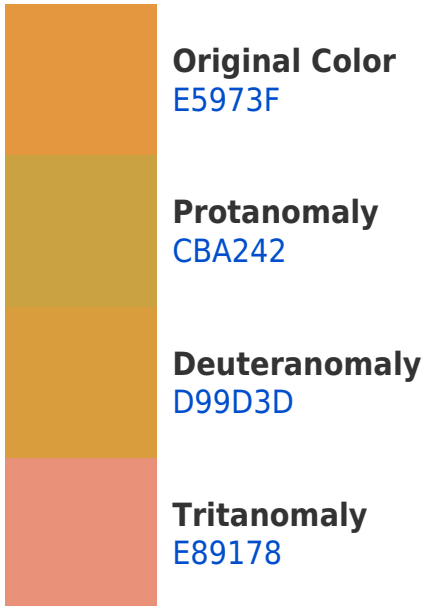
## Dichromacy



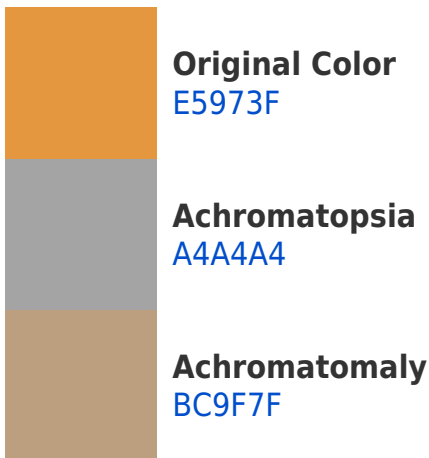


**Tritanopia**  
EA8E98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E5973F 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 #E5973F looks like.

```
.text, #text, p{  
    color:#E5973F  
}
```

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 #E5973F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5973F
}
```

## Border

The CSS property to change the border of an element to Hex E5973F 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
#E5973F }
```

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

```
.border{ border-color:#E5973F }
```

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

Here you see how a box with a 4 pixel #E5973F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5973F; -webkit-box-shadow:4px 4px  
4px 4px #E5973F; box-shadow:4px 4px 4px  
4px #E5973F }
```

# Background

The CSS property to change the background color of an element to Hex E5973F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5973F }
```

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

```
.background{ background-color:#E5973F }
```

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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