

# Converting Colors

Hex(EAAF5F)

Have a look what the booklet for  
Hex(EAAF5F) contains.

<b>Hex(EAAF5F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(EAAF5F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EAAF5F
RGB	234, 175, 95
RGB Percent	92%, 69%, 37%
CMY	0.0824, 0.3137, 0.6275
CMYK	0.00, 0.25, 0.59, 0.08
HSL	35°, 77%, 65%
HSV	35°, 59%, 92%
XYZ	51.3272, 48.9786, 17.5750
YIQ	183.5210, 60.8440, -12.3720

# Conversions

## Conversions Part 2

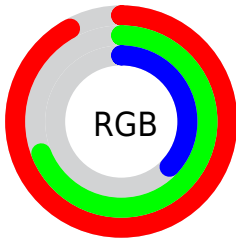
<b>Format</b>	<b>Color</b>
<b>RYB</b>	198, 234, 95
Decimal	15380319
CIELab	75.44, 13.04, 48.76
CIELCh	75, 50.470, 75.029
Yxy	48.9786, 0.4354, 0.4155
Android (android.graphics.Color)	4293570399 (0xFFEAAF5F)
YUV	183.5210, -43.6409, 44.2701
Hunter-Lab	69.9847, 8.4398, 34.1000

# Details

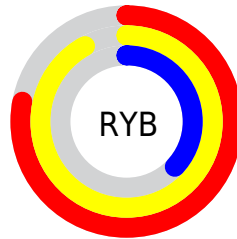
The Hex color **EAAF5F** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **5F9AEA**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFE694**, and **AF7B2C** is the 20% darker color. If you saturate the color by 10%, you get **EAA548**, and if you desaturate by 10%, it is **EAB976**.

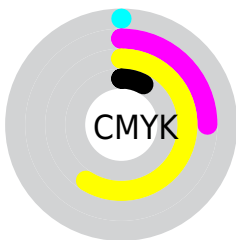
# Distribution



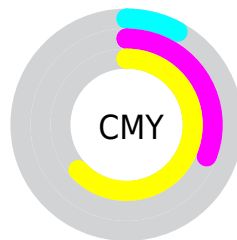
- Red (92%)
- Green (69%)
- Blue (37%)



- Red (78%)
- Yellow (92%)
- Blue (37%)



- Cyan (0%)
- Magenta (25%)
- Yellow (59%)
- Black (8%)



- Cyan (8%)
- Magenta (31%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EAAF5F 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 EAAF5F by changing the saturation by 10% instead.



 EAAF5F

 EAAF5F

FFFFFF

 CC9446

 FFE694

 AF7B2C

 FFFFAF

 926211

 FFFFEB

 764A00

 FFFFEE

 5A3300

 3F1E00

 260900

 000000

 EAAF5F

 EAAF5F

■ EAA548

■ EAB976

■ EA9B30

■ EAC38E

■ EA9119

■ EACDA5

■ EA8701

■ EAD7BD

■ EA8700

■ EAE1D4

■ EAEBEB

■ EAF5FF

■ EAFEFF

■ EAFFFF

# Harmonies

## Analogous

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



FF9E7A



EAAF5F



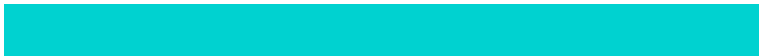
BFBF5D

# Triad

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



EAAF5F



00D2D0



DCA5FC

# Complementary

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



EAAF5F



5F9AEA

# 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.



98B7FF



EAAF5F



00CEFA

# Square

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



EAAF5F



44D0A0



20C5FF



FF96D3

# Rectangle

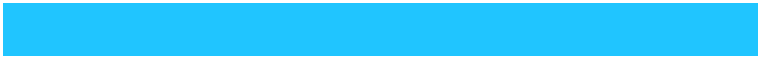
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EAAF5F



9EC76B



20C5FF



C8ABFF

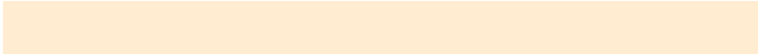


# Sweetspot

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



EAAF5F



FFECD1



EA5F9B



807463



000000



808080



# Same Dimension

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



EAAF5F



FFB24A



E1EA5F



75706A



B56800



361F00



# Inverse Universe

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



5F9AEA



4A97FF



685FEA



6A6F75



004DB5



001736



# Previews

## White Background



This preview shows how the Hex color EAAF5F looks on a white background.

## Color Contrast Check

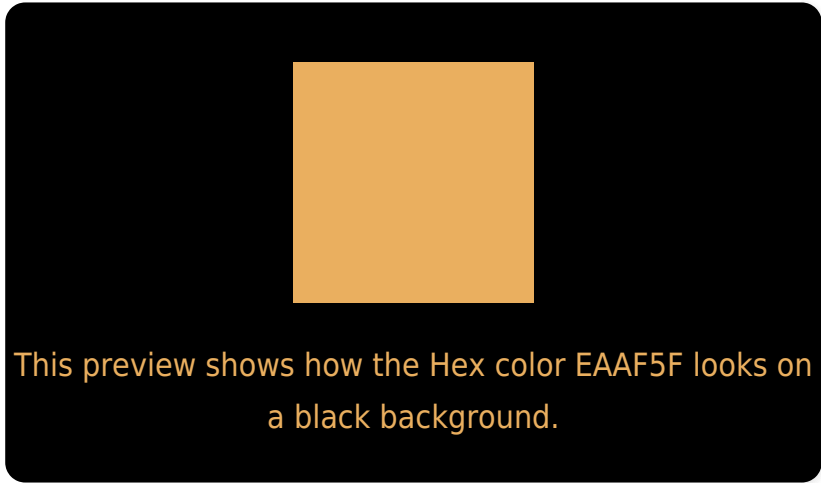
Large Text (above 18pt) WCAG AA × Fail

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 EAAF5F Background



This preview shows how black text looks on a background with the Hex color EAAF5F.

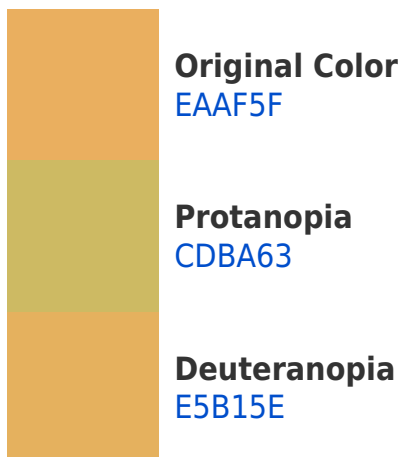


This preview shows how white text looks on a background with the Hex color EAAF5F.

# 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](#).

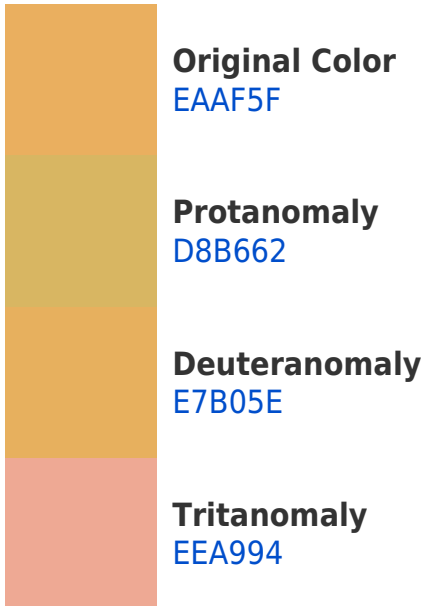
## Dichromacy



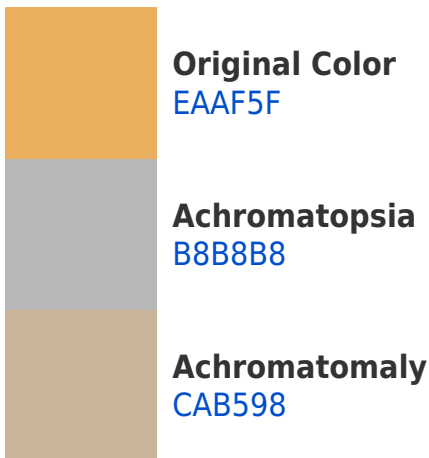


**Tritanopia**  
F1A5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EAAF5F 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 #EAAF5F looks like.

```
.text, #text, p{  
    color:#EAAF5F  
}
```

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 #EAAF5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EAAF5F  
}
```

## Border

The CSS property to change the border of an element to Hex EAAF5F 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  
#EAAF5F }
```

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

```
.border{ border-color:#EAAF5F }
```

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

Here you see how a box with a 4 pixel #EAAF5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EAAF5F; -webkit-box-shadow:4px 4px  
4px 4px #EAAF5F; box-shadow:4px 4px 4px  
4px #EAAF5F }
```

# Background

The CSS property to change the background color of an element to Hex EAAF5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EAAF5F }
```

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

```
.background{ background-color:#EAAF5F }
```

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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