

# Converting Colors

Hex(F3AF61)

Have a look what the booklet for  
Hex(F3AF61) contains.

<b>Hex(F3AF61)</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(F3AF61)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F3AF61
RGB	243, 175, 97
RGB Percent	95%, 69%, 38%
CMY	0.0471, 0.3137, 0.6196
CMYK	0.00, 0.28, 0.60, 0.05
HSL	32°, 86%, 67%
HSV	32°, 60%, 95%
XYZ	54.4498, 50.5777, 18.2019
YIQ	186.4400, 65.5660, -9.8420

# Conversions

## Conversions Part 2

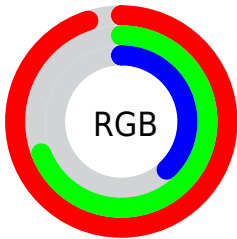
Format	Color
<a href="#">RYB</a>	<a href="#">224, 243, 97</a>
Decimal	<a href="#">15970145</a>
CIELab	<a href="#">76.42, 16.89, 49.17</a>
CIELCh	<a href="#">76, 51.994, 71.044</a>
Yxy	<a href="#">50.5777, 0.4419, 0.4104</a>
Android (android.graphics.Color)	<a href="#">4294160225</a> ( <a href="#">0xFF3AF61</a> )
YUV	<a href="#">186.4400, -44.0939, 49.6031</a>
Hunter-Lab	<a href="#">71.1180, 12.2077, 34.6079</a>

# Details

The Hex color **F3AF61** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **61A5F3**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFE796**, and **B77B2E** is the 20% darker color. If you saturate the color by 10%, you get **F3A449**, and if you desaturate by 10%, it is **F3BA79**.

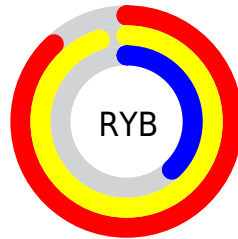
# Distribution



Red (95%)

Green (69%)

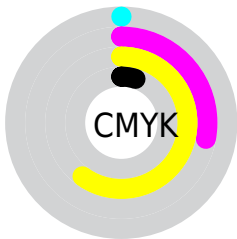
Blue (38%)



Red (88%)

Yellow (95%)

Blue (38%)

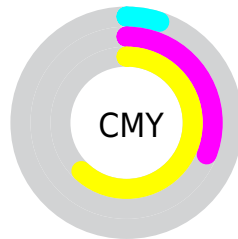


Cyan (0%)

Magenta (28%)

Yellow (60%)

Black (5%)



Cyan (5%)

Magenta (31%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F3AF61 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 F3AF61 by changing the saturation by 10% instead.



 F3AF61

 F3AF61

FFFFFF

 D59448

 FFE796

 B77B2E

 FFFFB1

 9A6214

 FFFFCD

 7D4A00

 FFFFEE9

 623300

 461E00

 2C0800

 040000

 000000

 F3AF61

 F3AF61

 F3A449

 F3BA79

 F39830

 F3C692

 F38D18

 F3D1AA

 F38200

 F3DCC2

 F3E8DA

 F3F3F3

 F3FEFF

 F3FFFF

# Harmonies

## Analogous

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



FF9E80



F3AF61



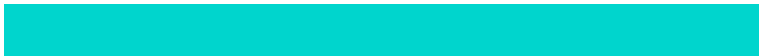
C8C05B

# Triad

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



F3AF61



00D5CD



D8A9FF

# Complementary

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



F3AF61



61A5F3

# 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.



8DBBFF



F3AF61



00D3FA

# Square

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



F3AF61



4ED39C



00CAFF



FF99DD

# Rectangle

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



F3AF61



A6C867



00CAFF



C2AFFF

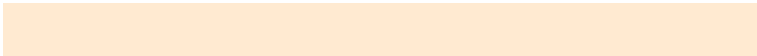


# Sweetspot

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



F3AF61



FFEAD1



F361A5



807263



000000



808080



# Same Dimension

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



F3AF61



FFA947



EEF361



7A756E



BA6300



3B1F00



# Inverse Universe

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



61A5F3



479DFF



6661F3



6E747A



0057BA



001B3B



# Previews

## White Background



This preview shows how the Hex color F3AF61 looks on a white background.

## Color Contrast Check

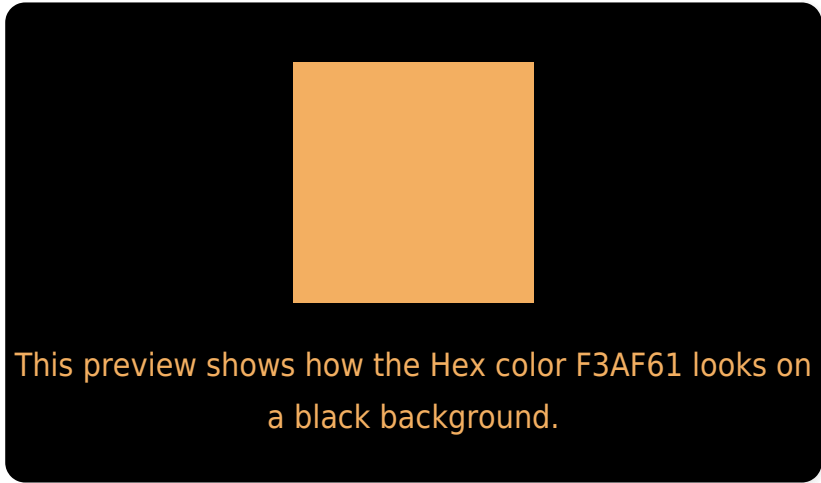
Large Text (above 18pt) WCAG AA × Fail

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

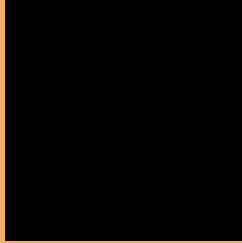
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex F3AF61 Background



This preview shows how black text looks on a background with the Hex color F3AF61.



This preview shows how white text looks on a background with the Hex color F3AF61.

# 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



**Original Color**  
F3AF61

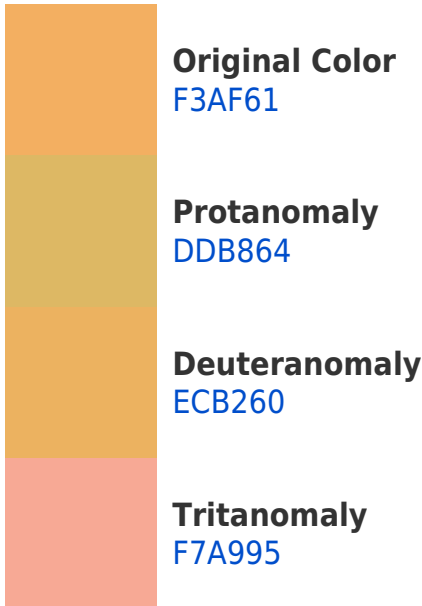
**Protanopia**  
D0BD66

**Deuteranopia**  
E8B460



**Tritanopia**  
F9A6B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F3AF61 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 #F3AF61 looks like.

```
.text, #text, p{  
    color:#F3AF61  
}
```

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 #F3AF61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F3AF61
}
```

## Border

The CSS property to change the border of an element to Hex F3AF61 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
#F3AF61 }
```

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

```
.border{ border-color:#F3AF61 }
```

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

Here you see how a box with a 4 pixel #F3AF61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F3AF61; -webkit-box-shadow:4px 4px  
4px 4px #F3AF61; box-shadow:4px 4px 4px  
4px #F3AF61 }
```

# Background

The CSS property to change the background color of an element to Hex F3AF61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F3AF61 }
```

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

```
.background{ background-color:#F3AF61 }
```

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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