

# Converting Colors

Hex(F3A675)

Have a look what the booklet for  
Hex(F3A675) contains.

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# **Color**

**Hex(F3A675)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F3A675
RGB	243, 166, 117
RGB Percent	95%, 65%, 46%
CMY	0.0471, 0.3490, 0.5412
CMYK	0.00, 0.32, 0.52, 0.05
HSL	23°, 84%, 71%
HSV	23°, 52%, 95%
XYZ	53.8093, 47.6115, 23.1835
YIQ	183.4370, 61.6210, 1.0850

# Conversions

## Conversions Part 2

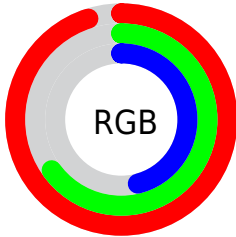
Format	Color
R <sub>Y</sub> B	243, 197, 117
Decimal	15967861
CIE Lab	74.58, 23.20, 36.74
CIE LCh	75, 43.455, 57.732
Yxy	47.6115, 0.4318, 0.3821
Android (android.graphics.Color)	4294157941 (0xFFFF3A675)
YUV	183.4370, -32.7534, 52.2368
Hunter-Lab	69.0011, 18.4482, 28.3800

# Details

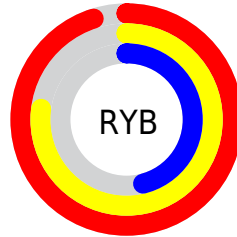
The Hex color **F3A675** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **75C2F3**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFDDAA**, and **B87244** is the 20% darker color. If you saturate the color by 10%, you get **F3975D**, and if you desaturate by 10%, it is **F3B58D**.

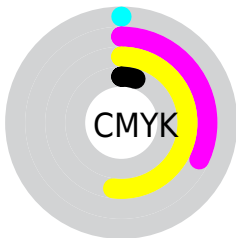
# Distribution



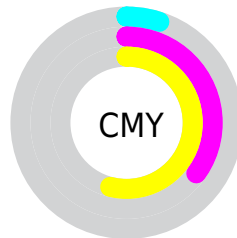
- Red (95%)
- Green (65%)
- Blue (46%)



- Red (95%)
- Yellow (77%)
- Blue (46%)



- Cyan (0%)
- Magenta (32%)
- Yellow (52%)
- Black (5%)



- Cyan (5%)
- Magenta (35%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F3A675 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 F3A675 by changing the saturation by 10% instead.



 F3A675

 F3A675

FFFFFF

 D58B5C

 FFDDAA

 B87244

 FFFAC5

 9B592C

 FFFFE1

 7E4115

FFFFFFE

 632A00

 471400

 2D0000

 000000

 F3A675

 F3A675

 F3975D

 F3B58D

 F38844

 F3C4A6

 F3792C

 F3D3BE

 F36B14

 F3E1D6

 F35F00

 F3F0EE

 F3FFFF

# Harmonies

## Analogous

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



FF9B94



F3A675



D4B467

# Triad

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



F3A675



3ECCB3



B7AEFE

# Complementary

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



F3A675



75C2F3

# 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.



74BCFF



F3A675



00CCDB

# Square

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



F3A675



7BC88B



04C7FA



E7A0E3

# Rectangle

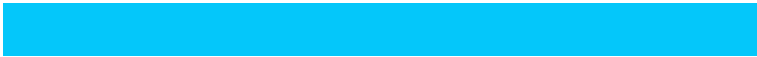
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F3A675



B9BD6A



04C7FA



A3B3FF

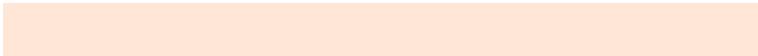


# Sweetspot

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



F3A675



FFE6D6



F375C3



807167



000000



808080



# Same Dimension

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



F3A675



FF9E61



F3E475



7A736E



BA4800



3B1700

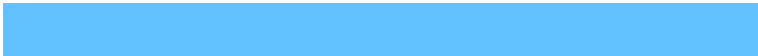


# Inverse Universe

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



75C2F3



61C2FF



7584F3



6E767A



0072BA



00243B



# Previews

## White Background



This preview shows how the Hex color F3A675 looks on a white background.

## Color Contrast Check

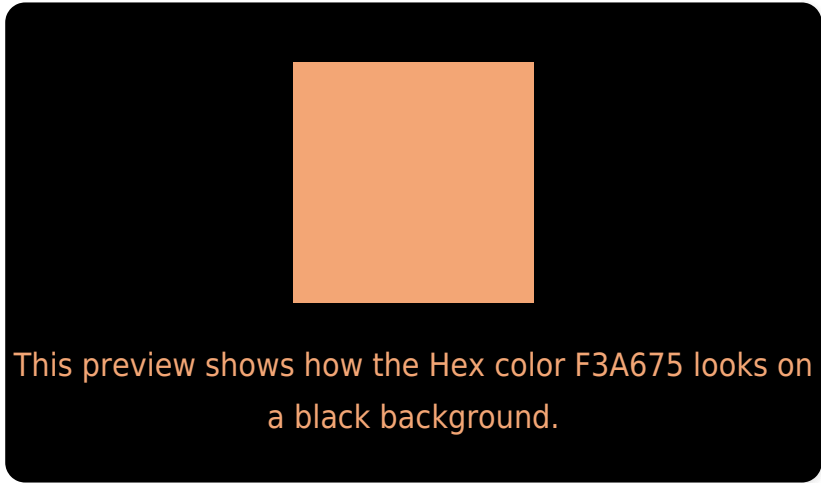
Large Text (above 18pt) WCAG AA × Fail

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

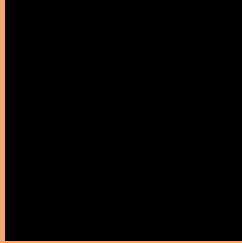
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex F3A675 Background



This preview shows how black text looks on a background with the Hex color F3A675.

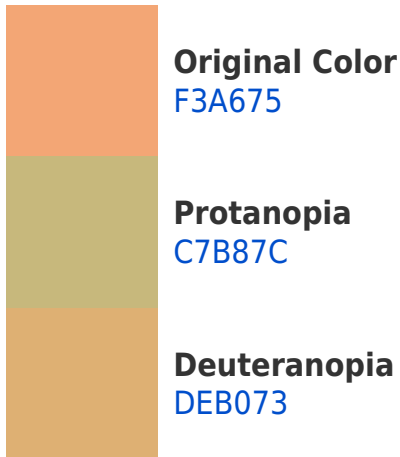


This preview shows how white text looks on a background with the Hex color F3A675.

# 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](#).

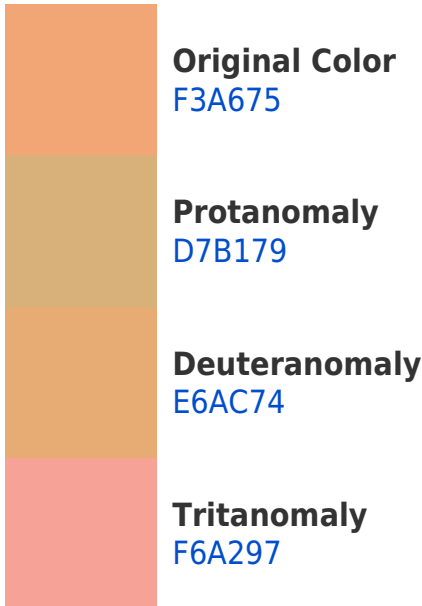
## Dichromacy



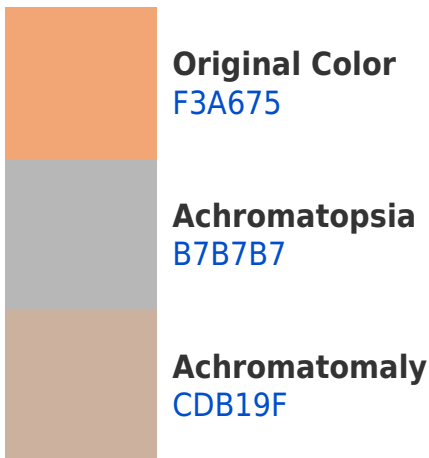


**Tritanopia**  
F79FAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F3A675 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 #F3A675 looks like.

```
.text, #text, p{  
    color:#F3A675  
}
```

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 #F3A675 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F3A675
}
```

## Border

The CSS property to change the border of an element to Hex F3A675 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
#F3A675 }
```

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

```
.border{ border-color:#F3A675 }
```

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

Here you see how a box with a 4 pixel #F3A675 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F3A675; -webkit-box-shadow:4px 4px  
4px 4px #F3A675; box-shadow:4px 4px 4px  
4px #F3A675 }
```

# Background

The CSS property to change the background color of an element to Hex F3A675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F3A675 }
```

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

```
.background{ background-color:#F3A675 }
```

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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