

# Converting Colors

Hex(FAD766)

Have a look what the booklet for  
Hex(FAD766) contains.

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# **Color**

**Hex(FAD766)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | FAD766                      |
| RGB         | 250, 215, 102               |
| RGB Percent | 98%, 84%, 40%               |
| CMY         | 0.0196, 0.1569, 0.6000      |
| CMYK        | 0.00, 0.14, 0.59, 0.02      |
| HSL         | 46°, 94%, 69%               |
| HSV         | 46°, 59%, 98%               |
| XYZ         | 66.1231, 69.8842, 22.5743   |
| YIQ         | 212.5830, 57.1330, -27.7230 |

# Conversions

## Conversions Part 2

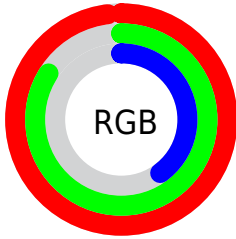
| Format                              | Color   |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">148, 250, 102</a>                   |
| Decimal                             | <a href="#">16439142</a>                        |
| CIELab                              | <a href="#">86.94, -0.67, 59.11</a>             |
| CIELCh                              | <a href="#">87, 59.115, 90.648</a>              |
| Yxy                                 | <a href="#">69.8842, 0.4170,<br/>0.4407</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4294629222<br/>(0xFFFAD766)</a>     |
| YUV                                 | <a href="#">212.5830, -54.5174,<br/>32.8147</a> |
| Hunter-Lab                          | <a href="#">83.5968, -5.1051,<br/>42.5072</a>   |

# Details

The Hex color **FAD766** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **6689FA**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FFFF9C**, and **BEA130** is the 20% darker color. If you saturate the color by 10%, you get **FAD14D**, and if you desaturate by 10%, it is **FADD7F**.

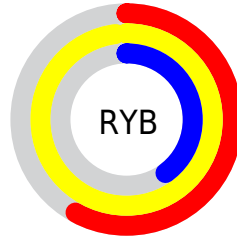
# Distribution



Red (98%)

Green (84%)

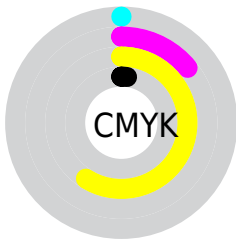
Blue (40%)



Red (58%)

Yellow (98%)

Blue (40%)

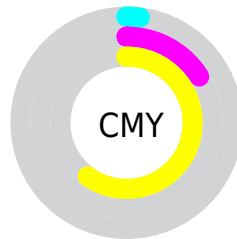


Cyan (0%)

Magenta (14%)

Yellow (59%)

Black (2%)



Cyan (2%)

Magenta (16%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FAD766 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 FAD766 by changing the saturation by 10% instead.



 FAD766

 FAD766

FFFFFF

 DCBB4B

 FFFF9C

 BEA130

 FFFF88

 A1870F

 FFFF65

 856D00

 FFFF42

 695500

 4E3F00

 342900

 1C1500

 000000

 FAD766

 FAD766

 FAD14D

 FADD7F

 FACB34

 FAE398

 FAC51B

 FAE9B1

 FABF02

 FAEFCA

 FABF00

 FAF5E3

 FAFAFC

 FAFFFF

# Harmonies

## Analogous

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



FFC379



FAD766



C1E775

# Triad

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



FAD766



00F5FF



FFB6FF

# Complementary

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



FAD766



6689FA

# 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.



DFCBFF



FAD766



00EEFF

# Square

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



FAD766



00F6D9



78DFFF



FFABDB

# Rectangle

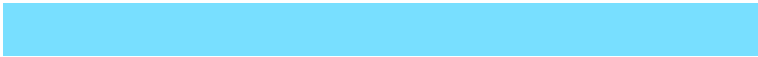
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FAD766



93EF90



78DFFF



FFBCFF



# Sweetspot

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



FAD766



FFF4D1



FA668B



807963



000000



808080



# Same Dimension

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



FAD766



FFD44A



D5FA66



7D7A70



BD9000



3D2F00



# Inverse Universe

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



6689FA



4A75FF



8B66FA



70737D



002DBD



000E3D



# Previews

## White Background



This preview shows how the Hex color FAD766 looks on a white background.

## Color Contrast Check

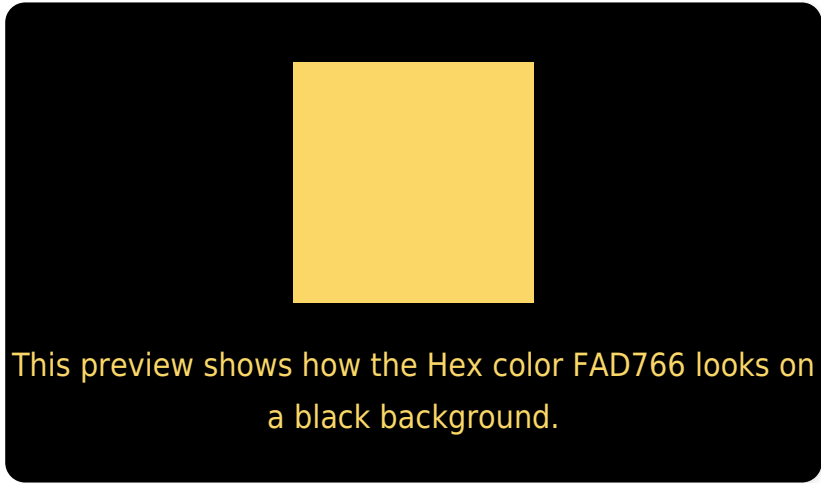
Large Text (above 18pt) WCAG AA × Fail

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 FAD766 Background



This preview shows how black text looks on a background with the Hex color FAD766.

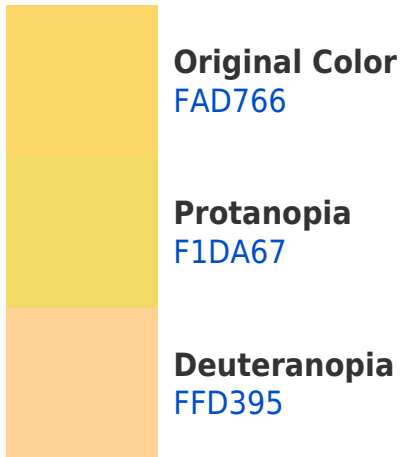


This preview shows how white text looks on a background with the Hex color FAD766.

# Color Blindness Simulation

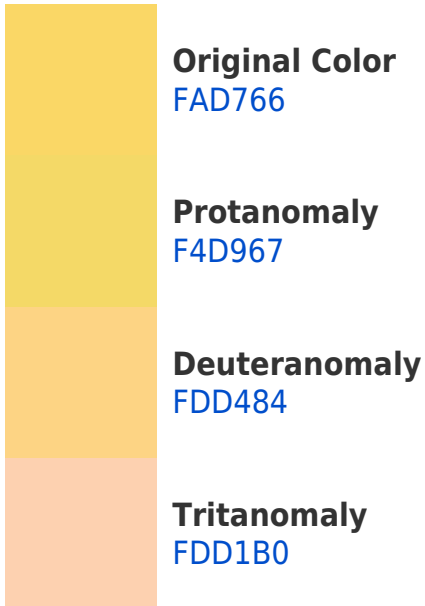
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

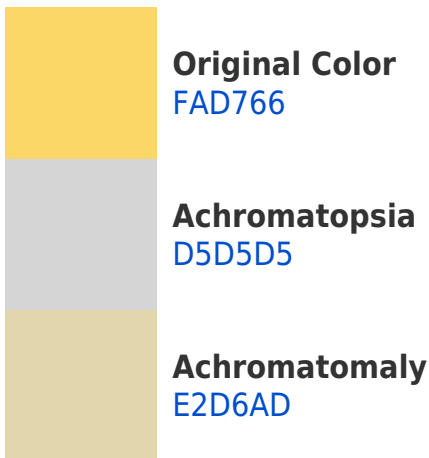




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FAD766 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 #FAD766 looks like.

```
.text, #text, p{  
    color:#FAD766  
}
```

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 #FAD766 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FAD766
}
```

## Border

The CSS property to change the border of an element to Hex FAD766 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
#FAD766 }
```

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

```
.border{ border-color:#FAD766 }
```

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

Here you see how a box with a 4 pixel #FAD766 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FAD766; -webkit-box-shadow:4px 4px  
4px 4px #FAD766; box-shadow:4px 4px 4px  
4px #FAD766 }
```

# Background

The CSS property to change the background color of an element to Hex FAD766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FAD766 }
```

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

```
.background{ background-color:#FAD766 }
```

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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