

# Converting Colors

Hex(F4ED65)

Have a look what the booklet for  
Hex(F4ED65) contains.

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**Color**

**Hex(F4ED65)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4ED65
RGB	244, 237, 101
RGB Percent	96%, 93%, 40%
CMY	0.0431, 0.0706, 0.6039
CMYK	0.00, 0.03, 0.59, 0.04
HSL	57°, 87%, 68%
HSV	57°, 59%, 96%
XYZ	69.9414, 80.7411, 24.2102
YIQ	223.5890, 47.8280, -40.8120

# Conversions

## Conversions Part 2

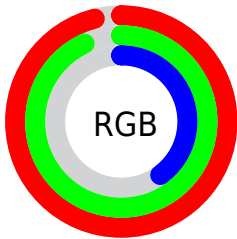
<b>Format</b>	<b>Color</b>
<b>RYB</b>	108, 244, 101
Decimal	16051557
CIELab	92.02, -14.18, 65.07
CIELCh	92, 66.598, 102.294
Yxy	80.7411, 0.3999, 0.4617
Android (android.graphics.Color)	4294241637 (0xFFF4ED65)
YUV	223.5890, -60.4364, 17.9004
Hunter-Lab	89.8560, -18.3087, 46.9245

# Details

The Hex color **F4ED65** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **656CF4**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **FFFF9C**, and **B9B52C** is the 20% darker color. If you saturate the color by 10%, you get **F4EC4D**, and if you desaturate by 10%, it is **F4EE7D**.

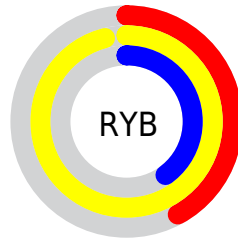
# Distribution



Red (96%)

Green (93%)

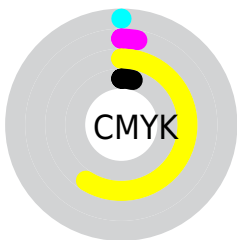
Blue (40%)



Red (42%)

Yellow (96%)

Blue (40%)

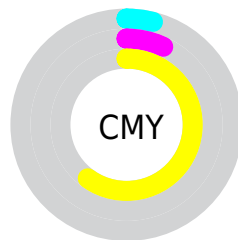


Cyan (0%)

Magenta (3%)

Yellow (59%)

Black (4%)



Cyan (4%)

Magenta (7%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F4ED65 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 F4ED65 by changing the saturation by 10% instead.



 F4ED65

 F4ED65

FFFFFF

 D6D149

 FFFF9C

 B9B52C

 FFFFB9

 9C9B01

 FFFFD5

 808100

 FFFFF3

 646800

 495000

 2F3900

 162400

 000D00

 F4ED65

 F4ED65

 F4EC4D

 F4EE7D

 F4EB34

 F4EF96

 F4E91C

 F4F1AE

 F4E803

 F4F2C7

 F4E800

 F4F3DF

 F4F4F7

 F4F5FF

 F4F7FF

 F4F8FF

# Harmonies

## Analogous

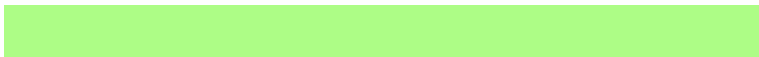
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFD76C



F4ED65



ADFD86

# Triad

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



F4ED65



00FFFF



FFB7FF

# Complementary

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



F4ED65



656CF4

# 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.



FFCDFF



F4ED65



00FAFF

# Square

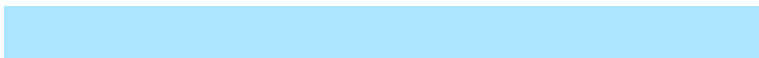
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F4ED65



00FFFF



AAE6FF



FFB1D0

# Rectangle

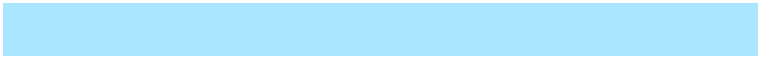
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F4ED65



70FFAA



AAE6FF



FFBDFF



# Sweetspot

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



F4ED65



FFFDD1



F4656C



807E63



000000



808080



# Same Dimension

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



F4ED65



FFF64D



B4F465



7A7A6E



BAB100



3B3800



# Inverse Universe

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



656CF4



4D55FF



A565F4



6E6F7A



0009BA

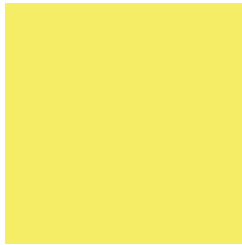


00033B



# Previews

## White Background



This preview shows how the Hex color F4ED65 looks on a white background.

## Color Contrast Check

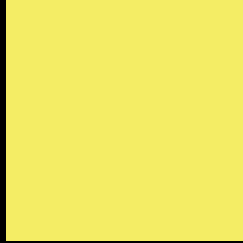
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color F4ED65 looks on a 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 F4ED65 Background



This preview shows how black text looks on a background with the Hex color F4ED65.

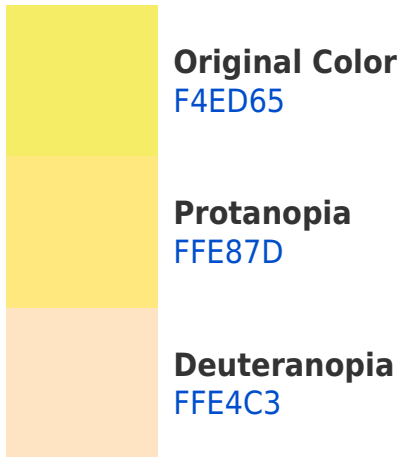


This preview shows how white text looks on a background with the Hex color F4ED65.

# 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](#).

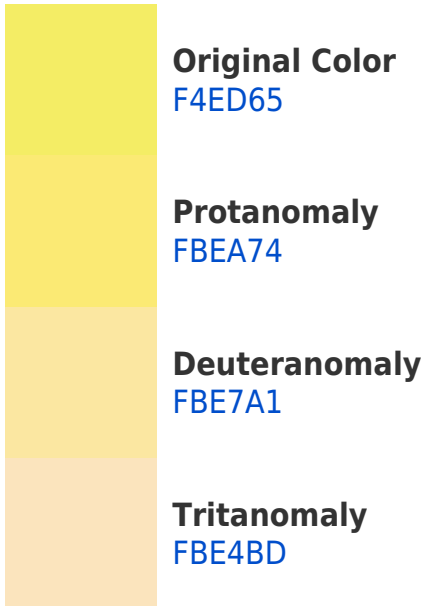
## Dichromacy



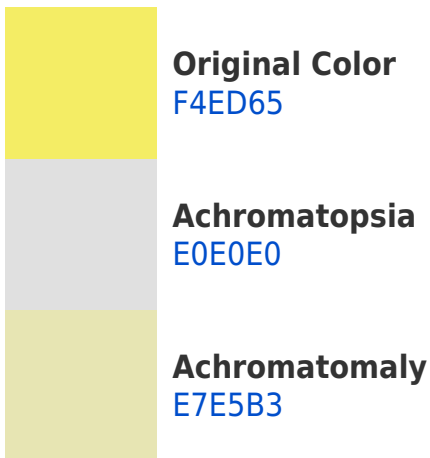


**Tritanopia**  
FFDFEF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F4ED65 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 #F4ED65 looks like.

```
.text, #text, p{  
    color:#F4ED65  
}
```

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 #F4ED65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F4ED65
}
```

## Border

The CSS property to change the border of an element to Hex F4ED65 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
#F4ED65 }
```

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

```
.border{ border-color:#F4ED65 }
```

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

Here you see how a box with a 4 pixel #F4ED65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F4ED65; -webkit-box-shadow:4px 4px  
4px 4px #F4ED65; box-shadow:4px 4px 4px  
4px #F4ED65 }
```

# Background

The CSS property to change the background color of an element to Hex F4ED65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F4ED65 }
```

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

```
.background{ background-color:#F4ED65 }
```

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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