

# Converting Colors

Hex(F4E466)

Have a look what the booklet for  
Hex(F4E466) contains.

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# **Color**

**Hex(F4E466)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4E466
RGB	244, 228, 102
RGB Percent	96%, 89%, 40%
CMY	0.0431, 0.1059, 0.6000
CMYK	0.00, 0.07, 0.58, 0.04
HSL	53°, 87%, 68%
HSV	53°, 58%, 96%
XYZ	67.4499, 75.6792, 23.6229
YIQ	218.4200, 49.9820, -35.7940

# Conversions

## Conversions Part 2

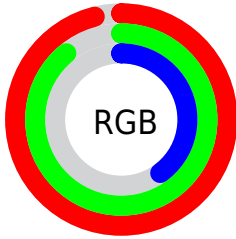
Format	Color
R <sub>Y</sub> B	120, 244, 102
Decimal	16049254
CIE Lab	89.71, -9.67, 62.08
CIE LCh	90, 62.830, 98.849
Yxy	75.6792, 0.4045, 0.4538
Android (android.graphics.Color)	4294239334 (0xFFFF4E466)
YUV	218.4200, -57.3951, 22.4337
Hunter-Lab	86.9938, -13.8407, 44.7956

# Details

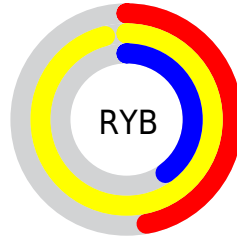
The Hex color **F4E466** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **6676F4**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FFFF9D**, and **B9AD2F** is the 20% darker color. If you saturate the color by 10%, you get **F4E14E**, and if you desaturate by 10%, it is **F4E77E**.

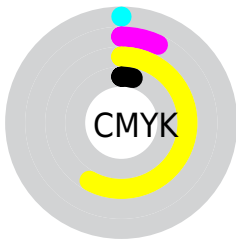
# Distribution



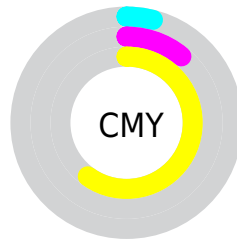
- Red (96%)
- Green (89%)
- Blue (40%)



- Red (47%)
- Yellow (96%)
- Blue (40%)



- Cyan (0%)
- Magenta (7%)
- Yellow (58%)
- Black (4%)



- Cyan (4%)
- Magenta (11%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F4E466 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 F4E466 by changing the saturation by 10% instead.



 F4E466

 F4E466

FFFFFF

 D6C84B

 FFFF9D

 B9AD2F

 FFFFB9

 9C9209

 FFFFD6

 807900

 FFFFF3

 656000

 4A4900

 303300

 171E00

 000000

 F4E466

 F4E466

 F4E14E

 F4E77E

 F4DF35

 F4E997

 F4DC1D

 F4ECAF

 F4D904

 F4EFC8

 F4D900

 F4F2E0

 F4F4F8

 F4F7FF

 F4FAFF

 F4FDFF

# Harmonies

## Analogous

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



F4E466



F4E466



B3F480

# Triad

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



F4E466



00DFFF



FFB6FF

# Complementary

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



F4E466



6676F4

# 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.



FECBFF



F4E466



00F4FF

# Square

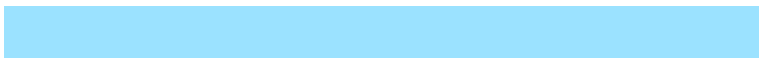
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F4E466



00FFF2



9BE2FF



FFAFD2

# Rectangle

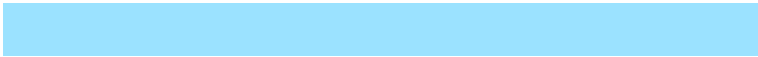
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F4E466



7EFBA1



9BE2FF



FFBCFF



# Sweetspot

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



F4E466



FFFAD4



F46677



807D66



000000



808080



# Same Dimension

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



F4E466



FFEB4D



BEF466



7A796E



BAA500



3B3400



# Inverse Universe

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



6676F4



4D61FF



9C66F4



6E707A



0015BA

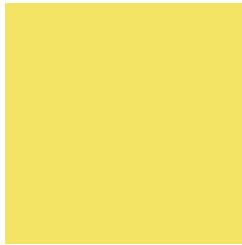


00073B



# Previews

## White Background



This preview shows how the Hex color F4E466 looks on a white background.

## Color Contrast Check

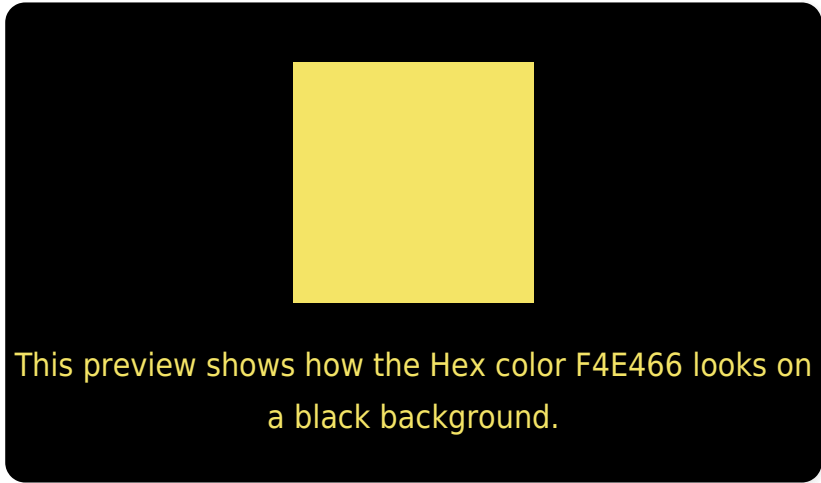
Large Text (above 18pt) WCAG AA × Fail

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 F4E466 Background



This preview shows how black text looks on a background with the Hex color F4E466.

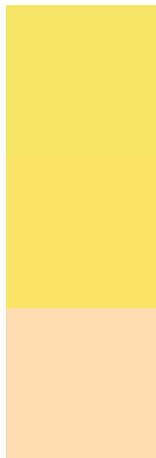


This preview shows how white text looks on a background with the Hex color F4E466.

# 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**  
F4E466

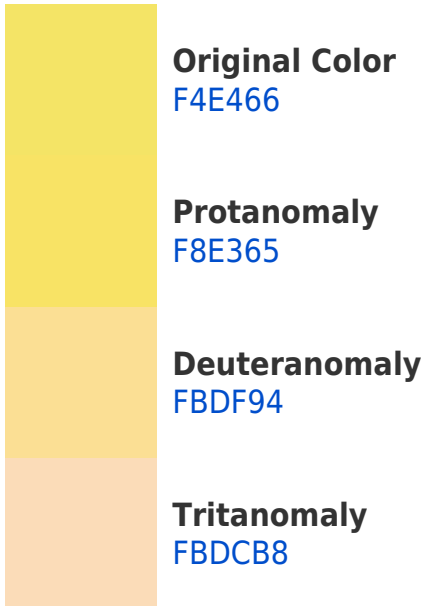
**Protanopia**  
FAE265

**Deuteranopia**  
FFDCAF

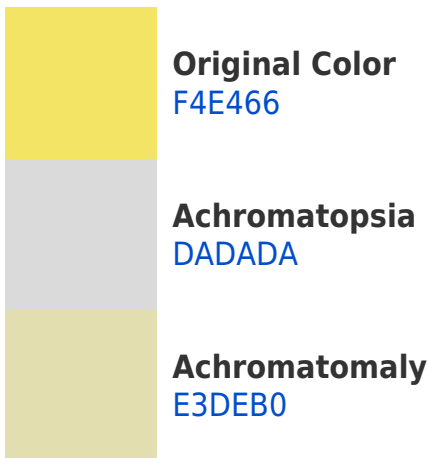


**Tritanopia**  
FFD7E7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F4E466 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 #F4E466 looks like.

```
.text, #text, p{  
    color:#F4E466  
}
```

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 #F4E466 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F4E466
}
```

## Border

The CSS property to change the border of an element to Hex F4E466 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
#F4E466 }
```

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

```
.border{ border-color:#F4E466 }
```

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

Here you see how a box with a 4 pixel #F4E466 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F4E466; -webkit-box-shadow:4px 4px  
4px 4px #F4E466; box-shadow:4px 4px 4px  
4px #F4E466 }
```

# Background

The CSS property to change the background color of an element to Hex F4E466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F4E466 }
```

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

```
.background{ background-color:#F4E466 }
```

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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