

# Converting Colors

Hex(F2EA4F)

Have a look what the booklet for  
Hex(F2EA4F) contains.

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# **Color**

**Hex(F2EA4F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2EA4F
RGB	242, 234, 79
RGB Percent	95%, 92%, 31%
CMY	0.0510, 0.0824, 0.6902
CMYK	0.00, 0.03, 0.67, 0.05
HSL	57°, 86%, 63%
HSV	57°, 67%, 95%
XYZ	67.4521, 78.2874, 18.9530
YIQ	218.7220, 54.5230, -46.5090

# Conversions

## Conversions Part 2

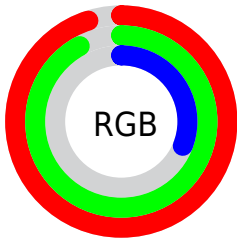
<b>Format</b>	<b>Color</b>
<b>RYB</b>	87, 242, 79
Decimal	15919695
CIELab	90.91, -14.84, 72.66
CIElCh	91, 74.158, 101.540
Yxy	78.2874, 0.4096, 0.4754
Android (android.graphics.Color)	4294109775 (0xFFFF2EA4F)
YUV	218.7220, -68.8829, 20.4148
Hunter-Lab	88.4802, -18.7624, 49.2358

# Details

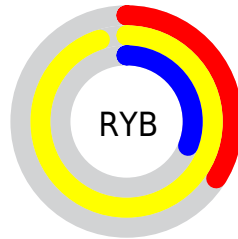
The Hex color **F2EA4F** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light washed yellow. A complement of this color would be **4F57F2**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FFFF88**, and **B6B300** is the 20% darker color. If you saturate the color by 10%, you get **F2E937**, and if you desaturate by 10%, it is **F2EB67**.

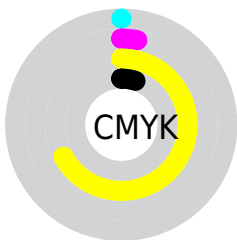
# Distribution



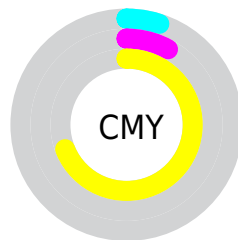
- Red (95%)
- Green (92%)
- Blue (31%)



- Red (34%)
- Yellow (95%)
- Blue (31%)



- Cyan (0%)
- Magenta (3%)
- Yellow (67%)
- Black (5%)



- Cyan (5%)
- Magenta (8%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F2EA4F 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 F2EA4F by changing the saturation by 10% instead.



 F2EA4F

 F2EA4F

FFFFFF

 D4CE30

 FFFF88

 B6B300

 FFFFA4

 999800

 FFFFC1

 7D7E00

 FFFFDE

 616500

 FFFFFC

 464E00

 2B3700

 122200

 000600

 F2EA4F

 F2EA4F

 F2E937

 F2EB67

 F2E81F

 F2EC7F

 F2E606

 F2EE98

 F2E600

 F2EFB0

 F2F0C8

 F2F1E0

 F2F2F8

 F2F4FF

 F2F5FF

# Harmonies

## Analogous

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



FFD15A



F2EA4F



A4FB75

# Triad

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



F2EA4F



00FFFF



FFACFF

# Complementary

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



F2EA4F



4F57F2

# 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.



FFC7FF



F2EA4F



00F9FF

# Square

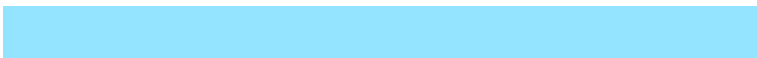
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F2EA4F



00FFFF



94E3FF



FFA5CC

# Rectangle

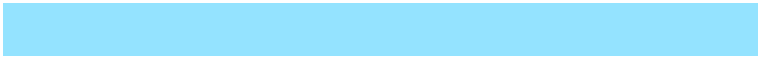
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F2EA4F



58FF9E



94E3FF



FFB4FF



# Sweetspot

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



F2EA4F



FFFCC



F24F57



807E61



000000



808080



# Same Dimension

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



F2EA4F



FFF530



A9F24F



78776C



B8AF00



383500



# Inverse Universe

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



4F57F2



303BFF



984FF2



6C6C78



0009B8

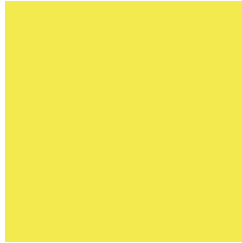


000338



# Previews

## White Background



This preview shows how the Hex color F2EA4F looks on a white background.

## Color Contrast Check

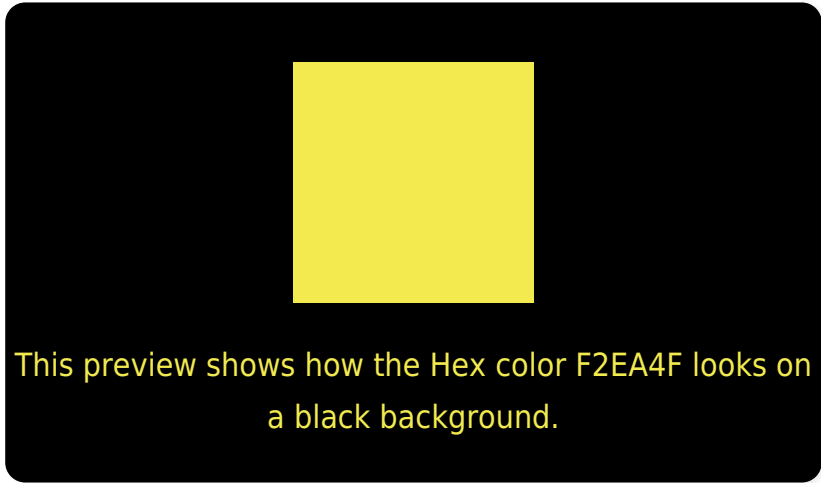
Large Text (above 18pt) WCAG AA × Fail

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 F2EA4F Background



This preview shows how black text looks on a background with the Hex color F2EA4F.

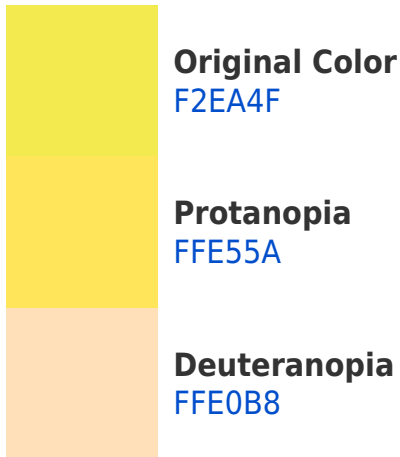


This preview shows how white text looks on a background with the Hex color F2EA4F.

# Color Blindness Simulation

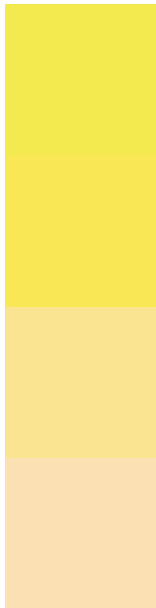
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
F2EA4F

**Protanomaly**  
FAE756

**Deuteranomaly**  
FAE492

**Tritanomaly**  
FAE0B3

# Monochromacy



**Original Color**  
F2EA4F

**Achromatopsia**  
DBDBDB

**Achromatomaly**  
E3E0A8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F2EA4F 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 #F2EA4F looks like.

```
.text, #text, p{  
    color:#F2EA4F  
}
```

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 #F2EA4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F2EA4F
}
```

## Border

The CSS property to change the border of an element to Hex F2EA4F 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
#F2EA4F }
```

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

```
.border{ border-color:#F2EA4F }
```

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

Here you see how a box with a 4 pixel #F2EA4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F2EA4F; -webkit-box-shadow:4px 4px  
4px 4px #F2EA4F; box-shadow:4px 4px 4px  
4px #F2EA4F }
```

# Background

The CSS property to change the background color of an element to Hex F2EA4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F2EA4F }
```

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

```
.background{ background-color:#F2EA4F }
```

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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