

# Converting Colors

Hex(F4EB21)

Have a look what the booklet for  
Hex(F4EB21) contains.

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**Color**

**Hex(F4EB21)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4EB21
RGB	244, 235, 33
RGB Percent	96%, 92%, 13%
CMY	0.0431, 0.0784, 0.8706
CMYK	0.00, 0.04, 0.86, 0.04
HSL	57°, 91%, 54%
HSV	57°, 86%, 96%
XYZ	67.2911, 78.7596, 13.0943
YIQ	214.6630, 70.2060, -60.9140

# Conversions

## Conversions Part 2

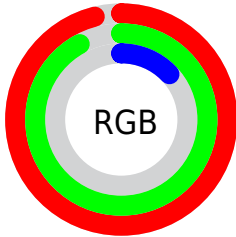
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	42, 244, 33
Decimal	16050977
CIE <sub>Lab</sub>	91.13, -16.12, 85.98
CIE <sub>LCh</sub>	91, 87.476, 100.616
Yxy	78.7596, 0.4228, 0.4949
Android (android.graphics.Color)	4294241057 (0xFFFF4EB21)
YUV	214.6630, -89.5599, 25.7285
Hunter-Lab	88.7466, -19.9610, 53.3745

# Details

The Hex color **F4EB21** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **212AF4**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FFFF67**, and **B7B400** is the 20% darker color. If you saturate the color by 10%, you get **F4EA09**, and if you desaturate by 10%, it is **F4EC39**.

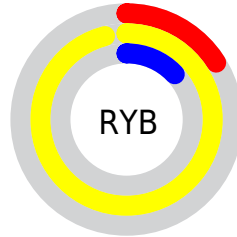
# Distribution



Red (96%)

Green (92%)

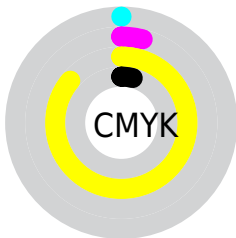
Blue (13%)



Red (16%)

Yellow (96%)

Blue (13%)

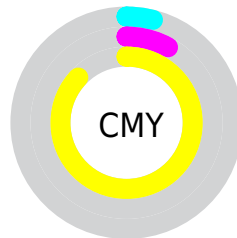


Cyan (0%)

Magenta (4%)

Yellow (86%)

Black (4%)



Cyan (4%)

Magenta (8%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F4EB21 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 F4EB21 by changing the saturation by 10% instead.



 F4EB21

 F4EB21

FFFFFF

 D5CF00

 FFFF67

 B7B400

 FFFF85

 9A9900

 FFFFA2

 7D7F00

 FFFF00

 606700

 FFFFDD

 444F00

FFFFFFC

 2A3800

 112300

 000800

 F4EB21

 F4EB21

 F4EA09

 F4EC39

 F4EA00

 F4ED52

 F4EE6A

 F4EF83

 F4F09B

 F4F1B3

 F4F2CC

 F4F3E4

 F4F4FD

# Harmonies

## Analogous

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



FFCD3A



F4EB21



97FF5B

# Triad

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



F4EB21



00FFFF



FF9FFF

# Complementary

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



F4EB21



212AF4

# 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.



FFC2FF



F4EB21



00FEFF

# Square

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



F4EB21



00FFFF



66E5FF



FF93CB

# Rectangle

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



F4EB21



16FF8F



66E5FF



FFA9FF



# Sweetspot

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



F4EB21



FFFCBD



F4212C



807E58



000000



808080



# Same Dimension

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



F4EB21



FFF400



95F421



7A7A6E



BAB200



3B3800



# Inverse Universe

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



212AF4



000BFF



8021F4



6E6F7A



0008BA

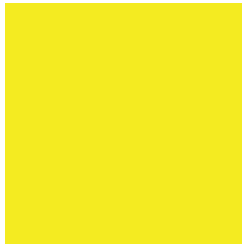


00033B



# Previews

## White Background



This preview shows how the Hex color F4EB21 looks on a white background.

## Color Contrast Check

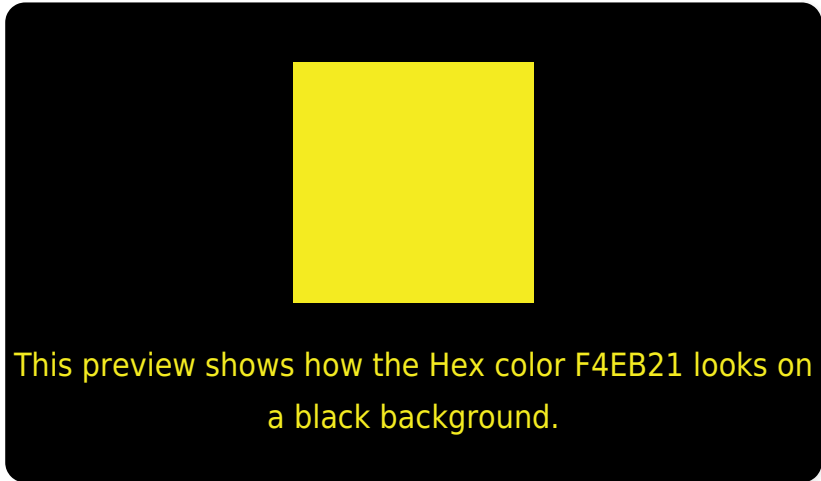
Large Text (above 18pt) WCAG AA × Fail

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 F4EB21 Background



This preview shows how black text looks on a background with the Hex color F4EB21.

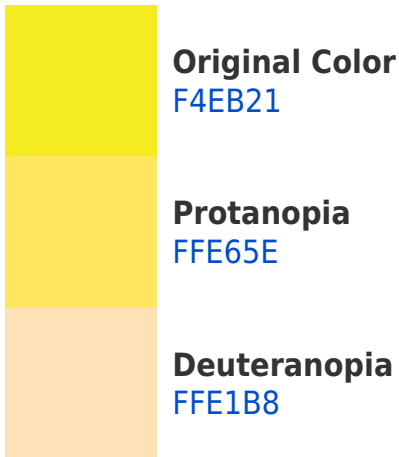


This preview shows how white text looks on a background with the Hex color F4EB21.

# 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



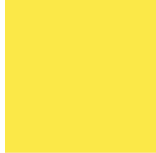


**Tritanopia**  
FFDCEB

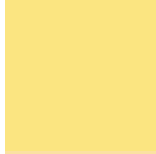
# Trichromacy



**Original Color**  
F4EB21



**Protanomaly**  
FBE848



**Deuteranomaly**  
FBE581



**Tritanomaly**  
FBE1A2

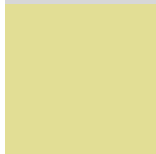
# Monochromacy



**Original Color**  
F4EB21



**Achromatopsia**  
D7D7D7



**Achromatomaly**  
E2DE95

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F4EB21 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 #F4EB21 looks like.

```
.text, #text, p{  
    color:#F4EB21  
}
```

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 #F4EB21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F4EB21
}
```

## Border

The CSS property to change the border of an element to Hex F4EB21 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
#F4EB21 }
```

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

```
.border{ border-color:#F4EB21 }
```

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

Here you see how a box with a 4 pixel #F4EB21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F4EB21; -webkit-box-shadow:4px 4px  
4px 4px #F4EB21; box-shadow:4px 4px 4px  
4px #F4EB21 }
```

# Background

The CSS property to change the background color of an element to Hex F4EB21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F4EB21 }
```

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

```
.background{ background-color:#F4EB21 }
```

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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