

# Converting Colors

Hex(F3F35B)

Have a look what the booklet for  
Hex(F3F35B) contains.

<b>Hex(F3F35B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(F3F35B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F3F35B
RGB	243, 243, 91
RGB Percent	95%, 95%, 36%
CMY	0.0471, 0.0471, 0.6431
CMYK	0.00, 0.00, 0.63, 0.05
HSL	60°, 86%, 65%
HSV	60°, 63%, 95%
XYZ	70.9011, 83.9112, 22.3571
YIQ	225.6720, 48.7920, -47.2720

# Conversions

## Conversions Part 2

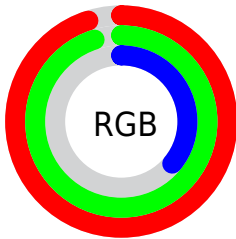
Format	Color
R <sub>Y</sub> B	91, 243, 91
Decimal	15987547
CIE Lab	93.41, -18.14, 70.65
CIE LCh	93, 72.942, 104.400
Yxy	83.9112, 0.4002, 0.4736
Android (android.graphics.Color)	4294177627 (0xFFFF3F35B)
YUV	225.6720, -66.3933, 15.1967
Hunter-Lab	91.6031, -22.1458, 49.6515

# Details

The Hex color **F3F35B** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **5B5BF3**, and the grayscale version is **E2E2E2**.

A 20% lighter version of the original color is **FFFF93**, and **B8BB1C** is the 20% darker color. If you saturate the color by 10%, you get **F3F343**, and if you desaturate by 10%, it is **F3F373**.

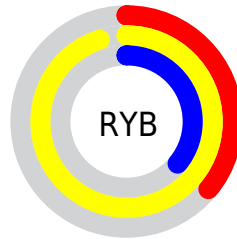
# Distribution



Red (95%)

Green (95%)

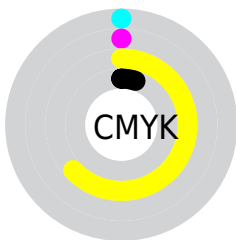
Blue (36%)



Red (36%)

Yellow (95%)

Blue (36%)

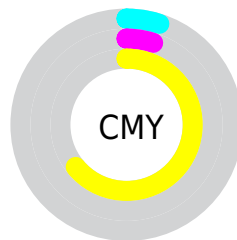


Cyan (0%)

Magenta (0%)

Yellow (63%)

Black (5%)



Cyan (5%)

Magenta (5%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F3F35B 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 F3F35B by changing the saturation by 10% instead.



 F3F35B

 F3F35B

FFFFFF

 D5D73E

 FFFF93

 B8BB1C

 FFFFB0

 9BA000

 FFFFCD

 7E8600

 FFFFEA

 636D00

 475500

 2D3E00

 132800

 001400

 F3F35B

 F3F35B

 F3F343

 F3F373

 F3F32A

 F3F38C

 F3F312

 F3F3A4

 F3F300

 F3F3BC

 F3F3D4

 F3F3ED

 F3F3FF

# Harmonies

## Analogous

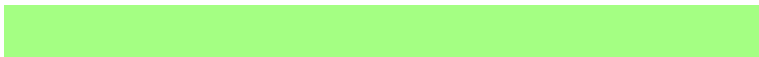
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFDB60



F3F35B



A4FF83

# Triad

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



F3F35B



00FFFF



FFB3FF

# Complementary

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



F3F35B



5B5BF3

# 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.



FFCCFF



F3F35B



00FEFF

# Square

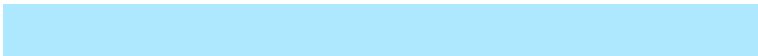
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F3F35B



00FFFF



AEE8FF



FFAFCD

# Rectangle

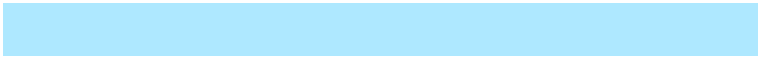
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F3F35B



56FFAC



AEE8FF



FFBAFF



# Sweetspot

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



F3F35B



FFFFCF



F35B5B



808062



000000



808080



# Same Dimension

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



F3F35B



FFFF40



A7F35B



7A7A6E



BABA00



3B3B00



# Inverse Universe

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



5B5BF3



4040FF



A75BF3



6E6E7A



0000BA

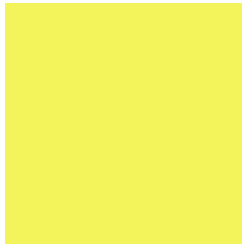


00003B



# Previews

## White Background



This preview shows how the Hex color F3F35B looks on a white background.

## Color Contrast Check

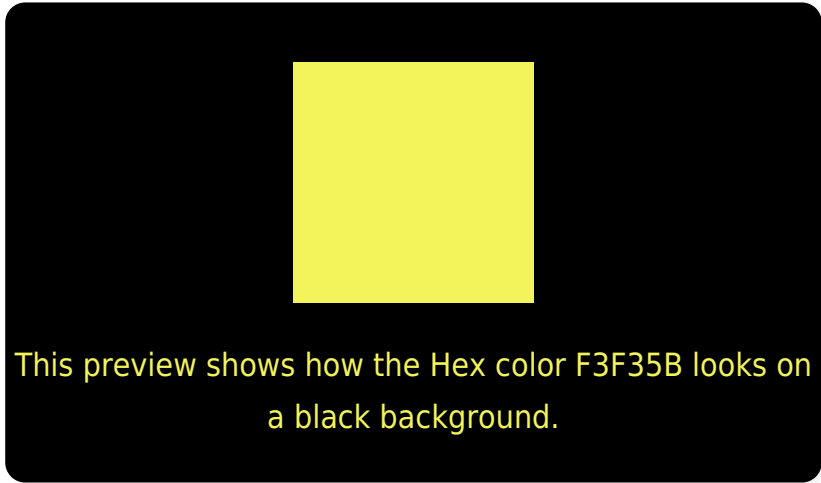
Large Text (above 18pt) WCAG AA × Fail

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 F3F35B Background



This preview shows how black text looks on a background with the Hex color F3F35B.

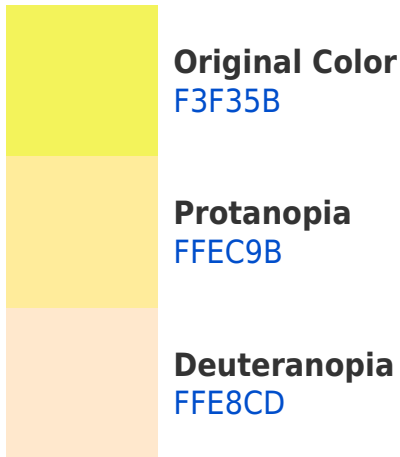


This preview shows how white text looks on a background with the Hex color F3F35B.

# 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](#).

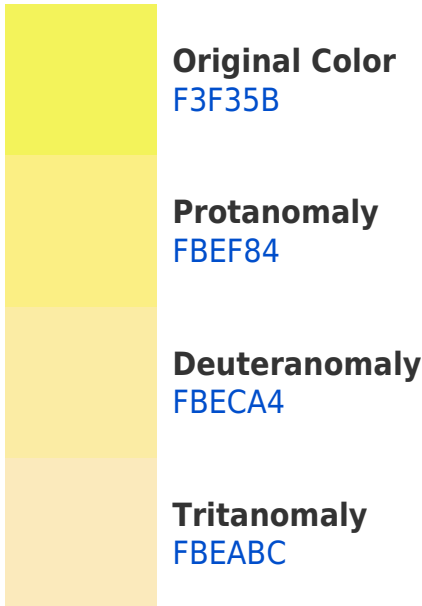
## Dichromacy



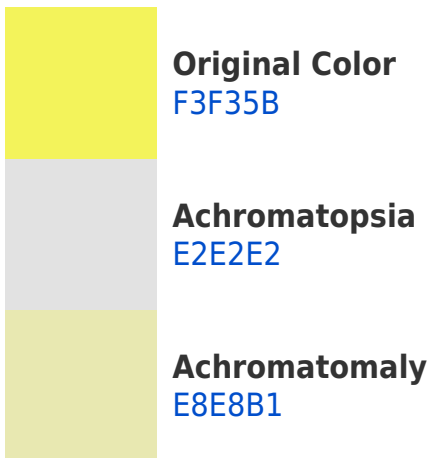


**Tritanopia**  
FFE5F4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F3F35B 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 #F3F35B looks like.

```
.text, #text, p{  
    color:#F3F35B  
}
```

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 #F3F35B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F3F35B
}
```

## Border

The CSS property to change the border of an element to Hex F3F35B 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
#F3F35B }
```

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

```
.border{ border-color:#F3F35B }
```

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

Here you see how a box with a 4 pixel #F3F35B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F3F35B; -webkit-box-shadow:4px 4px  
4px 4px #F3F35B; box-shadow:4px 4px 4px  
4px #F3F35B }
```

# Background

The CSS property to change the background color of an element to Hex F3F35B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F3F35B }
```

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

```
.background{ background-color:#F3F35B }
```

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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