

# Converting Colors

Hex(F5F538)

Have a look what the booklet for  
Hex(F5F538) contains.

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**Color**

**Hex(F5F538)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5F538
RGB	245, 245, 56
RGB Percent	96%, 96%, 22%
CMY	0.0392, 0.0392, 0.7804
CMYK	0.00, 0.00, 0.77, 0.04
HSL	60°, 90%, 59%
HSV	60°, 77%, 96%
XYZ	71.0224, 85.0028, 16.4053
YIQ	223.4540, 60.6690, -58.7790

# Conversions

## Conversions Part 2

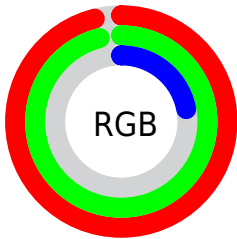
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	56, 245, 56
Decimal	16119096
CIE <sub>Lab</sub>	93.88, -19.92, 83.03
CIE <sub>LCh</sub>	94, 85.388, 103.490
Yxy	85.0028, 0.4119, 0.4930
Android (android.graphics.Color)	4294309176 (0xFFFF5F538)
YUV	223.4540, -82.5548, 18.8958
Hunter-Lab	92.1970, -23.8402, 53.9880

# Details

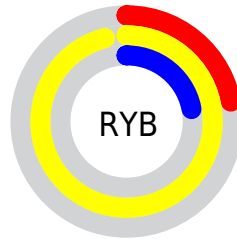
The Hex color **F5F538** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **3838F5**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **FFFF76**, and **B9BD00** is the 20% darker color. If you saturate the color by 10%, you get **F5F51F**, and if you desaturate by 10%, it is **F5F550**.

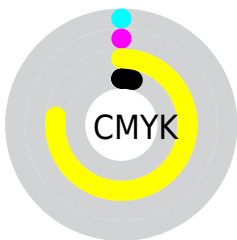
# Distribution



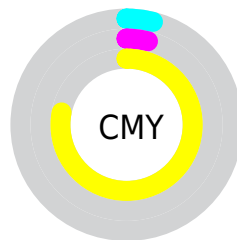
- Red (96%)
- Green (96%)
- Blue (22%)



- Red (22%)
- Yellow (96%)
- Blue (22%)



- Cyan (0%)
- Magenta (0%)
- Yellow (77%)
- Black (4%)



- Cyan (4%)
- Magenta (4%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F5F538 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 F5F538 by changing the saturation by 10% instead.



 F5F538

 F5F538

FFFFFF

 D7D904

 FFFF76

 B9BD00

 FFFF94

 9BA200

 FFFFB1

 7E8800


 FFFFCE

 626F00

 FFFFEC

 465700

 2B3F00

 112900

 001600

 F5F538

 F5F538

 F5F51F

 F5F550

 F5F507

 F5F569

 F5F500

 F5F582

 F5F59A

 F5F5B2

 F5F5CB

 F5F5E3

 F5F5FC

 F5F5FF

# Harmonies

## Analogous

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



FFD944



F5F538



98FF6E

# Triad

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



F5F538



00FFFF



FFA7FF

# Complementary

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



F5F538



3838F5

# 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



F5F538



00FFFF

# Square

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



F5F538



00FFFF



91EAFB



FFA0CC

# Rectangle

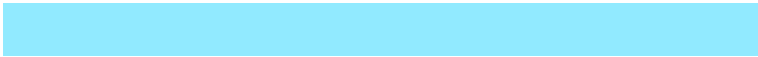
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F5F538



08FFA0



91EAFF



FFB0FF



# Sweetspot

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



F5F538



FFFFC4



F53838



80805C



000000



808080



# Same Dimension

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



F5F538



FFFF12



96F538



7A7A6E



BABA00



3B3B00



# Inverse Universe

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



3838F5



1212FF



9638F5



6E6E7A



0000BA

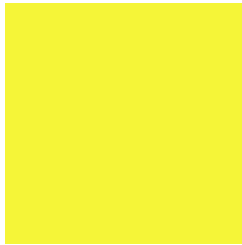


00003B



# Previews

## White Background



This preview shows how the Hex color F5F538 looks on a white background.

## Color Contrast Check

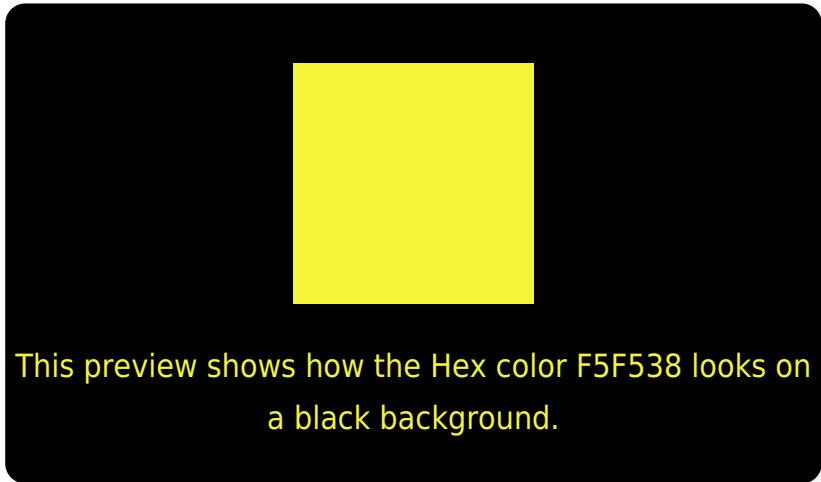
Large Text (above 18pt) WCAG AA × Fail

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 F5F538 Background



This preview shows how black text looks on a background with the Hex color F5F538.

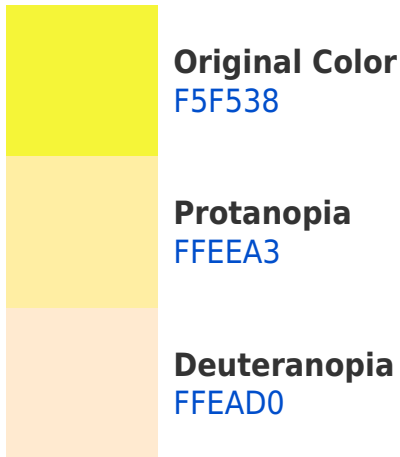


This preview shows how white text looks on a background with the Hex color F5F538.

# 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](#).

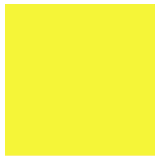
## Dichromacy



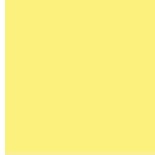


**Tritanopia**  
FFE7F4

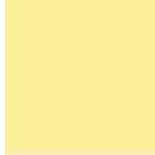
# Trichromacy



**Original Color**  
F5F538



**Protanomaly**  
FBF17C



**Deuteranomaly**  
FBEE99



**Tritanomaly**  
FBECB0

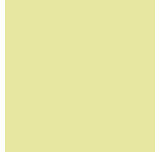
# Monochromacy



**Original Color**  
F5F538



**Achromatopsia**  
DFDFDF



**Achromatomaly**  
E7E7A2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F5F538 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 #F5F538 looks like.

```
.text, #text, p{  
    color:#F5F538  
}
```

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 #F5F538 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F5F538
}
```

## Border

The CSS property to change the border of an element to Hex F5F538 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
#F5F538 }
```

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

```
.border{ border-color:#F5F538 }
```

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

Here you see how a box with a 4 pixel #F5F538 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F5F538; -webkit-box-shadow:4px 4px  
4px 4px #F5F538; box-shadow:4px 4px 4px  
4px #F5F538 }
```

# Background

The CSS property to change the background color of an element to Hex F5F538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F5F538 }
```

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

```
.background{ background-color:#F5F538 }
```

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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