

Converting Colors

Hex(F5F155)

Have a look what the booklet for
Hex(F5F155) contains.

Hex(F5F155)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F5F155)

Conversions

Conversions Part 1

Format	Color
Hex	F5F155
RGB	245, 241, 85
RGB Percent	96%, 95%, 33%
CMY	0.0392, 0.0549, 0.6667
CMYK	0.00, 0.02, 0.65, 0.04
HSL	59°, 89%, 65%
HSV	59°, 65%, 96%
XYZ	70.7512, 82.9789, 20.8819
YIQ	224.4120, 52.4600, -47.6680

Conversions

Conversions Part 2

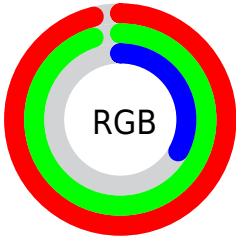
Format	Color
R_YB	89, 245, 85
Decimal	16118101
CIE Lab	93.01, -16.71, 72.60
CIE LCh	93, 74.501, 102.959
Yxy	82.9789, 0.4052, 0.4752
Android (android.graphics.Color)	4294308181 (0xFFFF5F155)
YUV	224.4120, -68.7301, 18.0557
Hunter-Lab	91.0928, -20.7726, 50.1735

Details

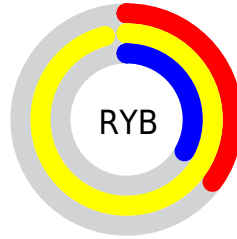
The Hex color **F5F155** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **5559F5**, and the grayscale version is **E1E1E1**.

A 20% lighter version of the original color is **FFFF8E**, and **B9B90F** is the 20% darker color. If you saturate the color by 10%, you get **F5F03C**, and if you desaturate by 10%, it is **F5F26E**.

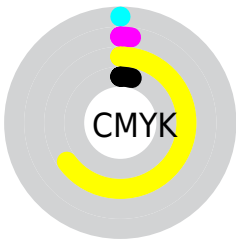
Distribution



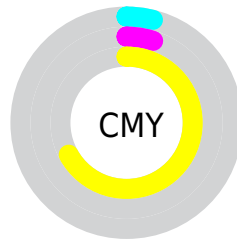
- Red (96%)
- Green (95%)
- Blue (33%)



- Red (35%)
- Yellow (96%)
- Blue (33%)



- Cyan (0%)
- Magenta (2%)
- Yellow (65%)
- Black (4%)



- Cyan (4%)
- Magenta (5%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color F5F155 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 F5F155 by changing the saturation by 10% instead.

 F5F155

 F5F155

FFFFFF

 D7D537

 FFFF8E

 B9B90F

 FFFF8A

 9C9E00

 FFFFC7

 808400

 FFFF84

 646B00

 485300

 2E3C00

 152700

 001200

 F5F155

 F5F155

 F5F03C

 F5F26E

 F5F024

 F5F286

 F5EF0C

 F5F39F

 F5EF00

 F5F3B7

 F5F4D0

 F5F5E8

 F5F5FF

 F5F6FF

 F5F7FF

Harmonies

Analogous

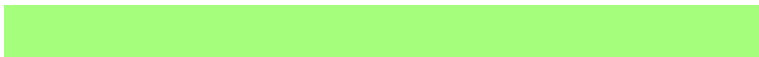
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFD85D



F5F155



A5FF7D

Triad

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



F5F155



00FFFF



FFB1FF

Complementary

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



F5F155



5559F5

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.



FFCBFF



F5F155



00FEFF

Square

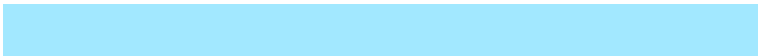
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F5F155



00FFFF



A2E8FF



FFABCF

Rectangle

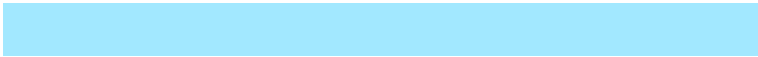
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F5F155



57FFA7



A2E8FF



FFB9FF

Sweetspot

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



F5F155



FFFECC



F5555A



807F61



000000



808080

Same Dimension

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



F5F155



FFFA38



AAF555



7A7A6E



BAB500



3B3900

Inverse Universe

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



5559F5



383DFF



A055F5



6E6E7A



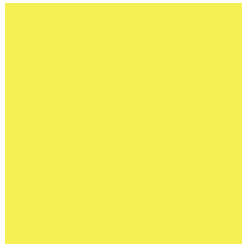
0005BA



00013B

Previews

White Background



This preview shows how the Hex color F5F155 looks on a white background.

Color Contrast Check

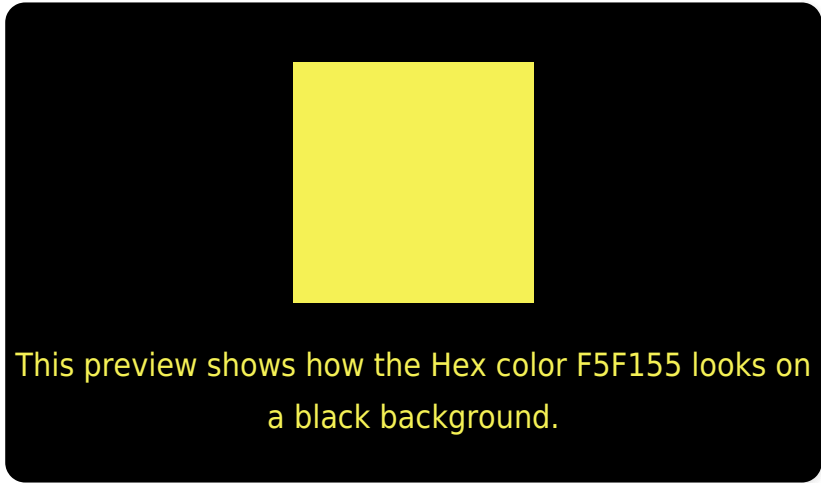
Large Text (above 18pt) WCAG AA × Fail

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 F5F155 Background



This preview shows how black text looks on a background with the Hex color F5F155.

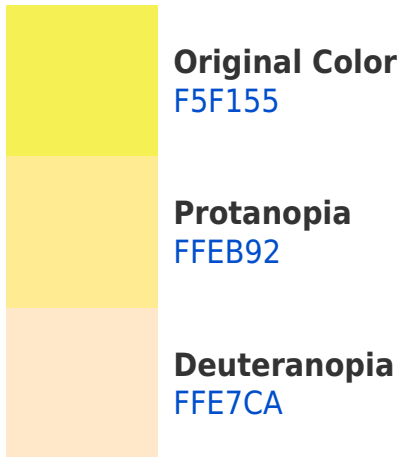


This preview shows how white text looks on a background with the Hex color F5F155.

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



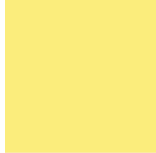


Tritanopia
FFE3F2

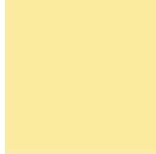
Trichromacy



Original Color
F5F155



Protanomaly
FBED7C



Deuteranomaly
FBEB9F

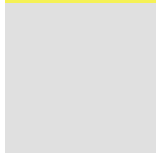


Tritanomaly
FBE8B9

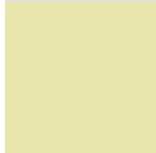
Monochromacy



Original Color
F5F155



Achromatopsia
E0E0E0



Achromatomaly
E8E6AD

CSS Examples

Text

The CSS property to change the color of the text to Hex F5F155 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 #F5F155 looks like.

```
.text, #text, p{  
    color:#F5F155  
}
```

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 #F5F155 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F5F155
}
```

Border

The CSS property to change the border of an element to Hex F5F155 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
#F5F155 }
```

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

```
.border{ border-color:#F5F155 }
```

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

Here you see how a box with a 4 pixel #F5F155 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F5F155; -webkit-box-shadow:4px 4px  
4px 4px #F5F155; box-shadow:4px 4px 4px  
4px #F5F155 }
```

Background

The CSS property to change the background color of an element to Hex F5F155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F5F155 }
```

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

```
.background{ background-color:#F5F155 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor