

# Converting Colors

Hex(5FEB5F)

Have a look what the booklet for  
Hex(5FEB5F) contains.

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# Color

Hex(5FEB5F)

# Conversions

## Conversions Part 1

Format	Color
Hex	5FEB5F
RGB	95, 235, 95
RGB Percent	37%, 92%, 37%
CMY	0.6275, 0.0784, 0.6275
CMYK	0.60, 0.00, 0.60, 0.08
HSL	120°, 78%, 65%
HSV	120°, 60%, 92%
XYZ	36.4932, 62.6758, 21.0007
YIQ	177.1800, -38.5000, -73.2200

# Conversions

## Conversions Part 2

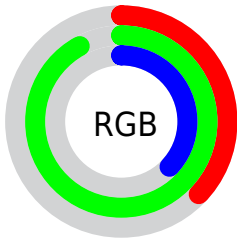
<b>Format</b>	<b>Color</b>
<b>RYB</b>	95, 235, 235
Decimal	6286175
CIELab	83.27, -64.49, 55.60
CIElCh	83, 85.148, 139.231
Yxy	62.6758, 0.3037, 0.5216
Android (android.graphics.Color)	4284476255 (0xFF5FEB5F)
YUV	177.1800, -40.5147, -72.0719
Hunter-Lab	79.1680, -56.2629, 39.6899

# Details

The Hex color **5FEB5F** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted green. A complement of this color would be **EB5FEB**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **9DFF95**, and **00B227** is the 20% darker color. If you saturate the color by 10%, you get **47EB47**, and if you desaturate by 10%, it is **76EB76**.

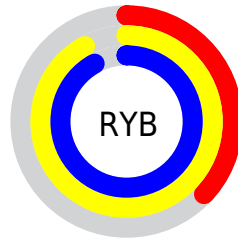
# Distribution



Red (37%)

Green (92%)

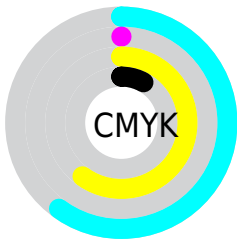
Blue (37%)



Red (37%)

Yellow (92%)

Blue (92%)

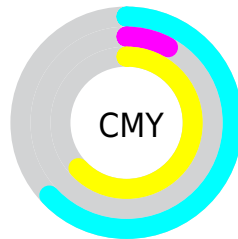


Cyan (60%)

Magenta (0%)

Yellow (60%)

Black (8%)



Cyan (63%)

Magenta (8%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5FEB5F 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 5FEB5F by changing the saturation by 10% instead.



 5FEB5F

 5FEB5F

FFFFFF

 3CCE44

 9DFF95

 00B227

 BCFFB1

 009600

 DAFFCE

 007B00

 F9FFEB

 006100

 004800

 003100

 001400

 000000

 5FEB5F

 5FEB5F

 47EB47

 76EB76

 30EB30

 8EEB8E

 18EB18

 A6EBA6

 01EB01

 BDEBBD

 00EB00

 D4EBD4

 ECEBEC

 FFEbff

# Harmonies

## Analogous

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



C5DB14



5FEB5F



00F3AF

# Triad

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



5FEB5F



00E1FF



FF82A0

# Complementary

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



5FEB5F



EB5F5F

# Split Complementary

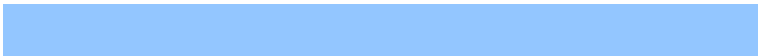
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF83F0



5FEB5F



93C6FF

# Square

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



5FEB5F



00F0FF



FFA2FF



FFA057

# Rectangle

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



5FEB5F



00F5E7



FFA2FF



FF7EBA

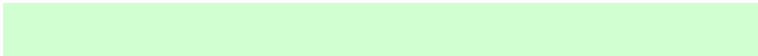


# Sweetspot

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



5FEB5F



D1FFD1



EBEB5F



638063



000000



808080



# Same Dimension

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



5FEB5F



4AFF4A



5FEBA5



6A756A



00B500



003600



# Inverse Universe

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



EB5FEB



FF4AFF



EB5FA5



756A75



B500B5

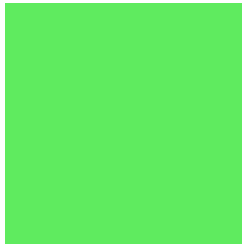


360036



# Previews

## White Background



This preview shows how the Hex color 5FEB5F looks on a white background.

## Color Contrast Check

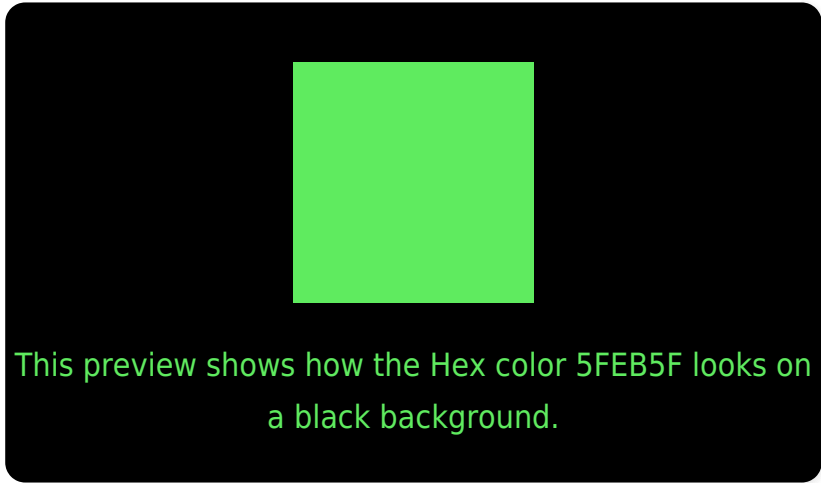
Large Text (above 18pt) WCAG AA × Fail

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

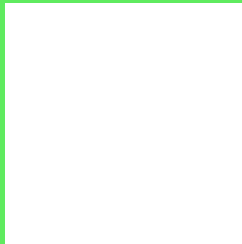
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5FEB5F Background



This preview shows how black text looks on a background with the Hex color 5FEB5F.

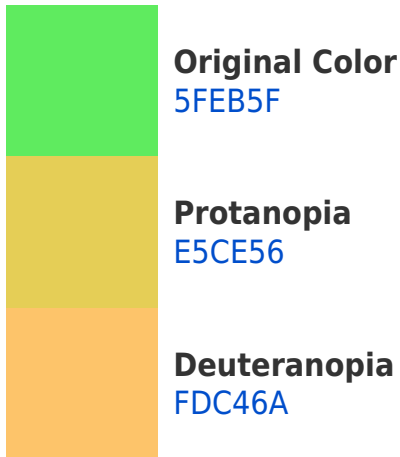


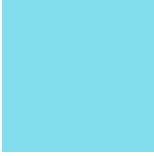
This preview shows how white text looks on a background with the Hex color 5FEB5F.

# 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**  
81DCEE

# Trichromacy



**Original Color**  
5FEB5F



**Protanomaly**  
B4D959



**Deuteranomaly**  
C4D266

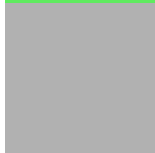


**Tritanomaly**  
75E1BA

# Monochromacy



**Original Color**  
5FEB5F



**Achromatopsia**  
B1B1B1



**Achromatomaly**  
93C693

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5FEB5F 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 #5FEB5F looks like.

```
.text, #text, p{  
    color:#5FEB5F  
}
```

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 #5FEB5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FEB5F
}
```

## Border

The CSS property to change the border of an element to Hex 5FEB5F 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
#5FEB5F }
```

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

```
.border{ border-color:#5FEB5F }
```

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

Here you see how a box with a 4 pixel #5FEB5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FEB5F; -webkit-box-shadow:4px 4px  
4px 4px #5FEB5F; box-shadow:4px 4px 4px  
4px #5FEB5F }
```

# Background

The CSS property to change the background color of an element to Hex 5FEB5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FEB5F }
```

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

```
.background{ background-color:#5FEB5F }
```

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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