

# Converting Colors

Hex(5FB95F)

Have a look what the booklet for  
Hex(5FB95F) contains.

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# **Color**

**Hex(5FB95F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5FB95F
RGB	95, 185, 95
RGB Percent	37%, 73%, 37%
CMY	0.6275, 0.2745, 0.6275
CMYK	0.49, 0.00, 0.49, 0.27
HSL	120°, 39%, 55%
HSV	120°, 49%, 73%
XYZ	24.1338, 37.9570, 16.8809
YIQ	147.8300, -24.7500, -47.0700

# Conversions

## Conversions Part 2

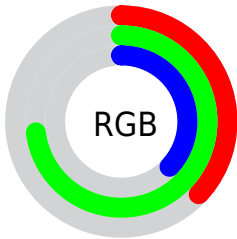
Format	Color
<a href="#">RYB</a>	<a href="#">95, 185, 185</a>
Decimal	<a href="#">6273375</a>
CIELab	<a href="#">67.99, -45.41, 37.37</a>
CIELCh	<a href="#">68, 58.804, 140.548</a>
Yxy	<a href="#">37.9570, 0.3056, 0.4806</a>
Android (android.graphics.Color)	<a href="#">4284463455 (0xFF5FB95F)</a>
YUV	<a href="#">147.8300, -26.0452, -46.3319</a>
Hunter-Lab	<a href="#">61.6093, -37.8935, 26.8811</a>

# Details

The Hex color **5FB95F** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B95FB9**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **97F293**, and **23832E** is the 20% darker color. If you saturate the color by 10%, you get **4DB94D**, and if you desaturate by 10%, it is **72B972**.

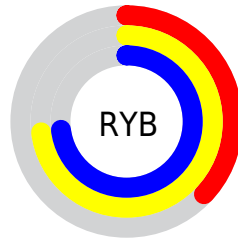
# Distribution



Red (37%)

Green (73%)

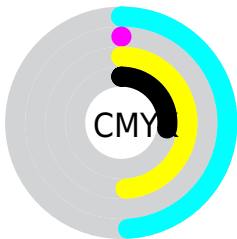
Blue (37%)



Red (37%)

Yellow (73%)

Blue (73%)

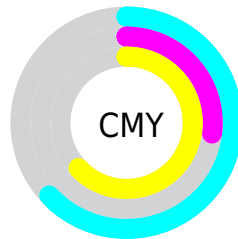


Cyan (49%)

Magenta (0%)

Yellow (49%)

Black (27%)



Cyan (63%)

Magenta (27%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5FB95F 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 5FB95F by changing the saturation by 10% instead.





5FB95F



5FB95F

FFFFFF



439E46



97F293



23832E



B3FFAE



006914



D0FFCA



005000



EEFFE6



003800



002300



000000



5FB95F



5FB95F



4DB94D



72B972

 3AB93A

 84B984

 28B928

 97B997

 15B915

 A9B9A9

 03B903

 BCB9BC

 00B900

 CEB9CE

 E1B9E1

 F3B9F3

 FFB9FF

# Harmonies

## Analogous

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



9FAE3B



5FB95F



00BF93

# Triad

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



5FB95F



00B0FF



FF7883

# Complementary

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



5FB95F



B95FB9

# 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.



FE78B9



5FB95F



8A9EFF

# Square

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



5FB95F



00BBF7



D688EA



F68955

# Rectangle

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



5FB95F



00C0B7



D688EA



FF7695

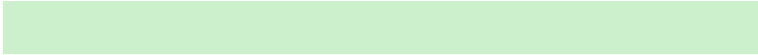


# Sweetspot

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



5FB95F



CCF0CC



B9B95F



627862



F7F7F7



787878



# Same Dimension

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



5FB95F



65F065



5FB98C



535C53



009C00



001C00



# Inverse Universe

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



B95FB9



F065F0



B95F8C



5C535C



9C009C



1C001C



# Previews

## White Background



This preview shows how the Hex color 5FB95F looks on a white background.

## Color Contrast Check

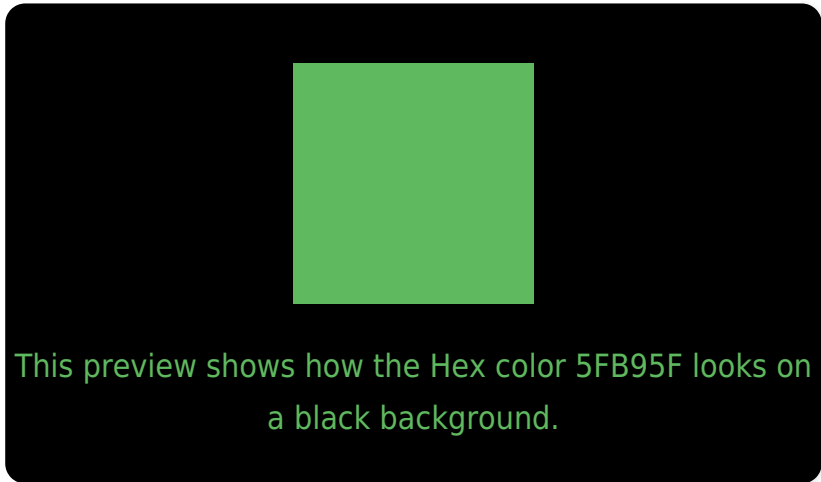
Large Text (above 18pt) WCAG AA × Fail

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

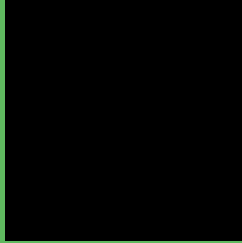
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5FB95F Background



This preview shows how black text looks on a background with the Hex color 5FB95F.

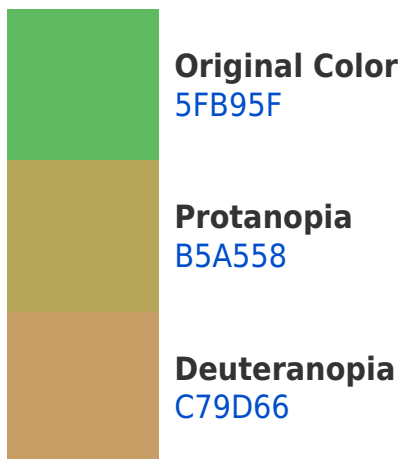


This preview shows how white text looks on a background with the Hex color 5FB95F.

# 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](#).

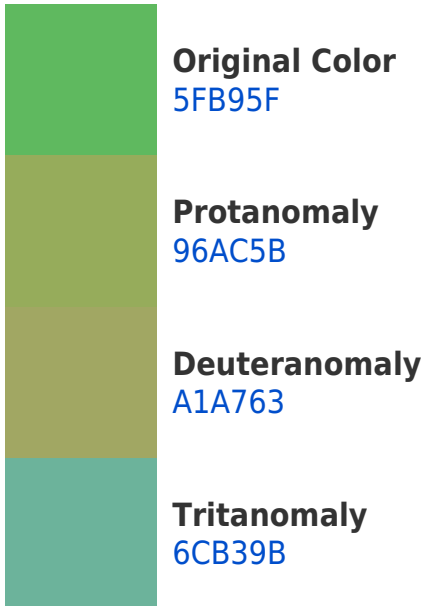
## Dichromacy





**Tritanopia**  
73AFBD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5FB95F 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 #5FB95F looks like.

```
.text, #text, p{  
    color:#5FB95F  
}
```

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 #5FB95F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FB95F
}
```

## Border

The CSS property to change the border of an element to Hex 5FB95F 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
#5FB95F }
```

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

```
.border{ border-color:#5FB95F }
```

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

Here you see how a box with a 4 pixel #5FB95F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FB95F; -webkit-box-shadow:4px 4px  
4px 4px #5FB95F; box-shadow:4px 4px 4px  
4px #5FB95F }
```

# Background

The CSS property to change the background color of an element to Hex 5FB95F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FB95F }
```

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

```
.background{ background-color:#5FB95F }
```

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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