

# Converting Colors

Hex(5FBF17)

Have a look what the booklet for  
Hex(5FBF17) contains.

<b>Hex(5FBF17)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(5FBF17)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5FBF17
RGB	95, 191, 23
RGB Percent	37%, 75%, 9%
CMY	0.6275, 0.2510, 0.9098
CMYK	0.50, 0.00, 0.88, 0.25
HSL	94°, 79%, 42%
HSV	94°, 88%, 75%
XYZ	23.5048, 39.7564, 7.2455
YIQ	143.1440, -3.2880, -72.6000

# Conversions

## Conversions Part 2

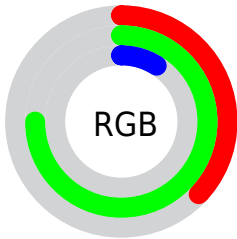
<b>Format</b>	<b>Color</b>
<b>RYB</b>	23, 191, 119
Decimal	6274839
CIELab	69.30, -53.81, 66.02
CIELCh	69, 85.169, 129.186
Yxy	39.7564, 0.3334, 0.5639
Android (android.graphics.Color)	4284464919 (0xFF5FBF17)
YUV	143.1440, -59.2310, -42.2223
Hunter-Lab	63.0526, -43.8009, 37.3237

# Details

The Hex color **5FBF17** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **7717BF**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **9AF857**, and **198900** is the 20% darker color. If you saturate the color by 10%, you get **54BF04**, and if you desaturate by 10%, it is **6ABF2A**.

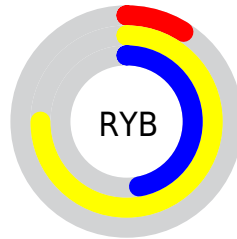
# Distribution



Red (37%)

Green (75%)

Blue (9%)



Red (9%)

Yellow (75%)

Blue (47%)

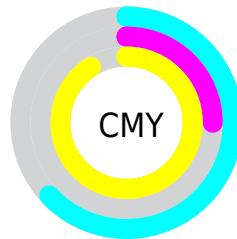


Cyan (50%)

Magenta (0%)

Yellow (88%)

Black (25%)



Cyan (63%)

Magenta (25%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5FBF17 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 5FBF17 by changing the saturation by 10% instead.



 5FBF17

 5FBF17


FFFFFF

 40A300

 9AF857

 198900

 B7FF74

 006E00

 D5FF90

 005500

 F3FFAC

 003C00

 FFFFC9

 002600

 FFFFE6

 000000

 5FBF17

 5FBF17

 54BF04

 6ABF2A

■ 52BF00

■ 75BF3D

■ 80BF50

■ 8BBF63

■ 96BF77

■ A0BF8A

■ ABBF9D

■ B6BFB0

■ C1BFC3

# Harmonies

## Analogous

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



B6AD00



5FBF17



00C86F

# Triad

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



5FBF17



00C0FF



FF5095

# Complementary

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



5FBF17



7717BF

# 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.



FF60E2



5FBF17



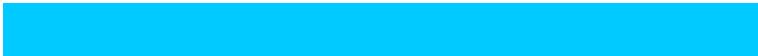
00ABFF

# Square

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



5FBF17



00CAFF



C889FF



FF6C4B

# Rectangle

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



5FBF17



00CBA5



C889FF



FF50AF

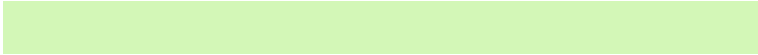


# Sweetspot

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



5FBF17



D3F7B7



BF7617



677D56



FCFCFC



7D7D7D



# Same Dimension

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



5FBF17



6AF700



17BF22



595E55



449E00



0D1F00



# Inverse Universe

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



7717BF



8D00F7



BF17B4



5A555E



5A009E

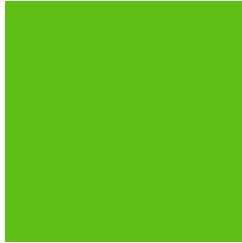


11001F



# Previews

## White Background



This preview shows how the Hex color 5FBF17 looks on a white background.

## Color Contrast Check

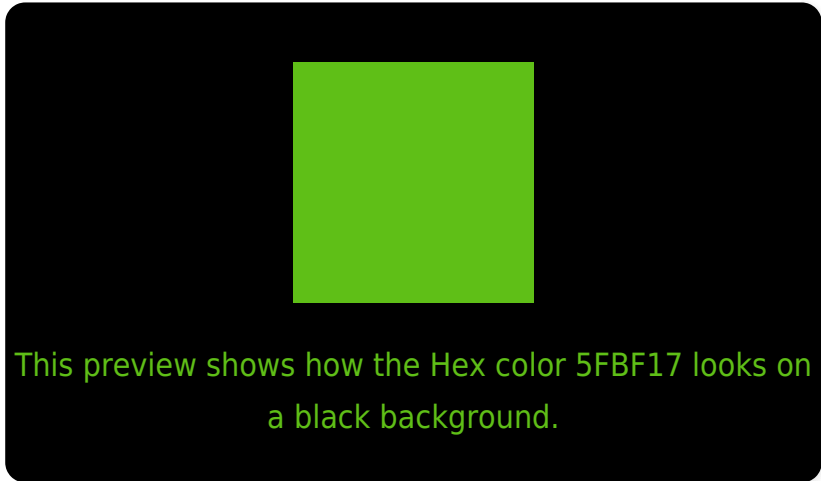
Large Text (above 18pt) WCAG AA × Fail

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 5FBF17 Background



This preview shows how black text looks on a background with the Hex color 5FBF17.



This preview shows how white text looks on a background with the Hex color 5FBF17.

# 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](#).

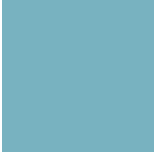
## Dichromacy



**Original Color**  
5FBF17

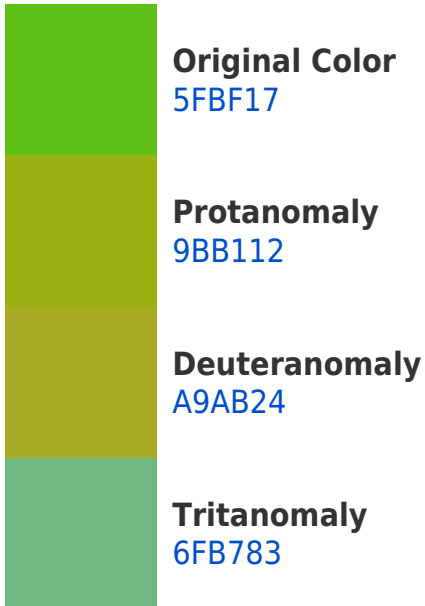
**Protanopia**  
BEA90F

**Deuteranopia**  
D39F2C

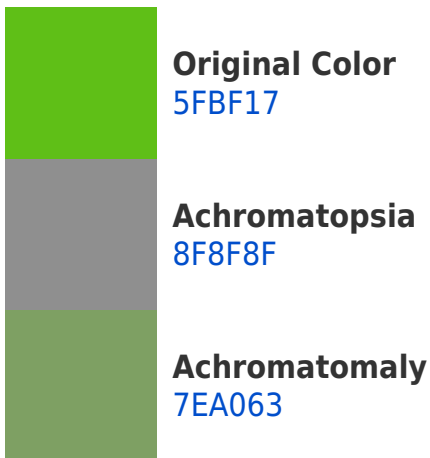


**Tritanopia**  
78B2C0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5FBF17 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 #5FBF17 looks like.

```
.text, #text, p{  
    color:#5FBF17  
}
```

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 #5FBF17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FBF17
}
```

## Border

The CSS property to change the border of an element to Hex 5FBF17 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
#5FBF17 }
```

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

```
.border{ border-color:#5FBF17 }
```

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

Here you see how a box with a 4 pixel #5FBF17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FBF17; -webkit-box-shadow:4px 4px  
4px 4px #5FBF17; box-shadow:4px 4px 4px  
4px #5FBF17 }
```

# Background

The CSS property to change the background color of an element to Hex 5FBF17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FBF17 }
```

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

```
.background{ background-color:#5FBF17 }
```

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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