

# Converting Colors

Hex(5FBD49)

Have a look what the booklet for  
Hex(5FBD49) contains.

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**Color**

**Hex(5FBD49)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5FBD49
RGB	95, 189, 73
RGB Percent	37%, 74%, 29%
CMY	0.6275, 0.2588, 0.7137
CMYK	0.50, 0.00, 0.61, 0.26
HSL	109°, 47%, 51%
HSV	109°, 61%, 74%
XYZ	24.1195, 39.3091, 12.6195
YIQ	147.6700, -18.7880, -56.0040

# Conversions

## Conversions Part 2

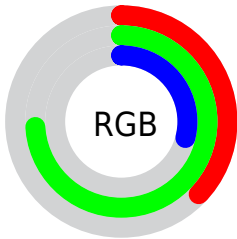
Format	Color
<a href="#">RYB</a>	<a href="#">73, 189, 167</a>
Decimal	<a href="#">6274377</a>
CIELab	<a href="#">68.97, -49.72, 49.00</a>
CIElCh	<a href="#">69, 69.802, 135.418</a>
Yxy	<a href="#">39.3091, 0.3172, 0.5169</a>
Android (android.graphics.Color)	<a href="#">4284464457 (0xFF5FBD49)</a>
YUV	<a href="#">147.6700, -36.8123, -46.1916</a>
Hunter-Lab	<a href="#">62.6970, -41.0509, 31.9541</a>

# Details

The Hex color **5FBD49** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **A749BD**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **98F67E**, and **1F8710** is the 20% darker color. If you saturate the color by 10%, you get **50BD36**, and if you desaturate by 10%, it is **6EBD5C**.

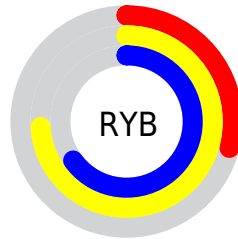
# Distribution



Red (37%)

Green (74%)

Blue (29%)



Red (29%)

Yellow (74%)

Blue (65%)

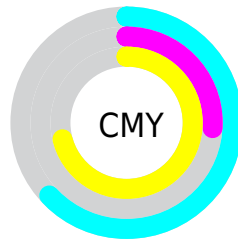


Cyan (50%)

Magenta (0%)

Yellow (61%)

Black (26%)



Cyan (63%)

Magenta (26%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5FBD49 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 5FBD49 by changing the saturation by 10% instead.



 5FBD49

 5FBD49

FFFFFF

 42A12F

 98F67E

 1F8710

 B5FF99

 006D00

 D2FFB4

 005300

 F0FFD1

 003B00

 FFFFED

 002500

 000000

 5FBD49

 5FBD49

 50BD36

 6EBD5C

 40BD23

 7EBD6F

 31BD10

 8DBD82

 24BD00

 9CBD95

 ACBDA8

 BBBDBA

 CABDCD

 DABDE0

 E9BDF3

# Harmonies

## Analogous

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



A9AF18



5FBD49



00C486

# Triad

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



5FBD49



00B8FF



FF6C8A

# Complementary

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



5FBD49



A749BD

# Split Complementary

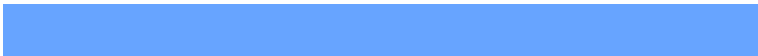
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF70CA



5FBD49



67A4FF

# Square

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



5FBD49



00C3FF



D589FF



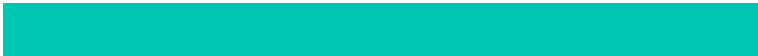
FF8050

# Rectangle

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



5FBD49



00C6B2



D589FF



FF6A9F

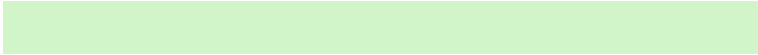


# Sweetspot

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



5FBD49



D1F5C9



BDA649



657A5F



FAFAFA



7A7A7A



# Same Dimension

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



5FBD49



62F540



49BD6C



575E55



1E9E00



061F00



# Inverse Universe

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



A749BD



D240F5



BD499A



5D555E



80009E



19001F



# Previews

## White Background



This preview shows how the Hex color 5FBD49 looks on a white background.

## Color Contrast Check

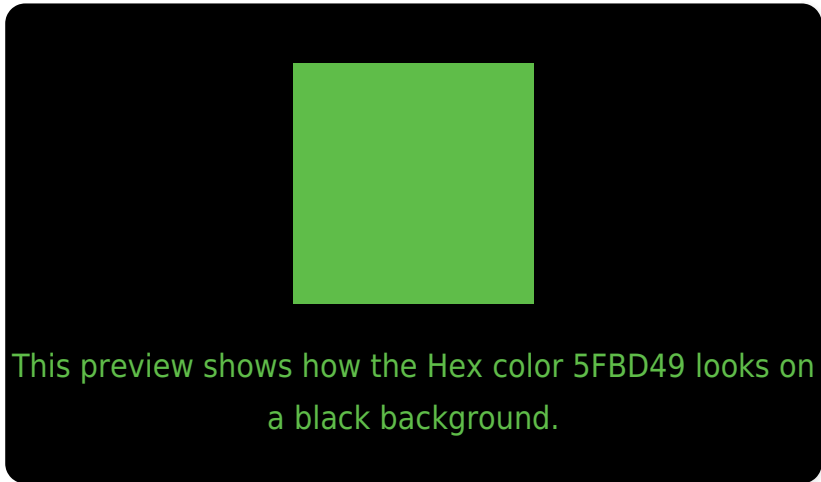
Large Text (above 18pt) WCAG AA × Fail

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

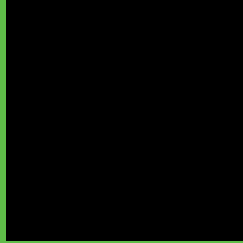
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5FBD49 Background



This preview shows how black text looks on a background with the Hex color 5FBD49.

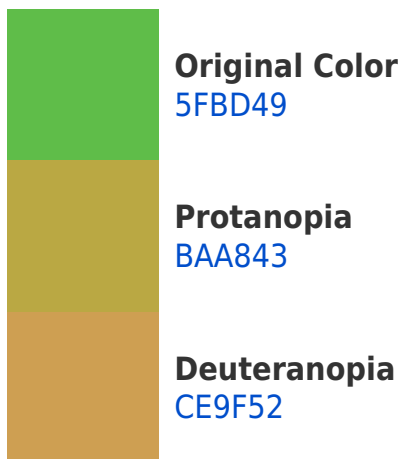


This preview shows how white text looks on a background with the Hex color 5FBD49.

# 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](#).

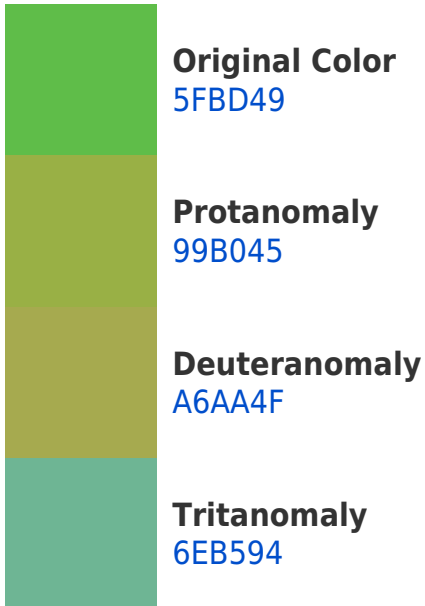
## Dichromacy



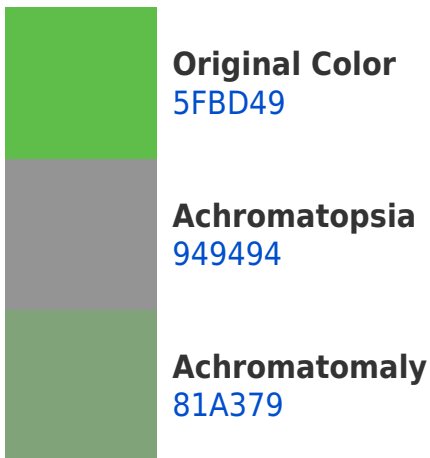


**Tritanopia**  
76B1BF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5FBD49 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 #5FBD49 looks like.

```
.text, #text, p{  
    color:#5FBD49  
}
```

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 #5FBD49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FBD49
}
```

## Border

The CSS property to change the border of an element to Hex 5FBD49 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
#5FBD49 }
```

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

```
.border{ border-color:#5FBD49 }
```

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

Here you see how a box with a 4 pixel #5FBD49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FBD49; -webkit-box-shadow:4px 4px  
4px 4px #5FBD49; box-shadow:4px 4px 4px  
4px #5FBD49 }
```

# Background

The CSS property to change the background color of an element to Hex 5FBD49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FBD49 }
```

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

```
.background{ background-color:#5FBD49 }
```

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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