

# Converting Colors

Hex(5FD50B)

Have a look what the booklet for  
Hex(5FD50B) contains.

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**Color**

**Hex(5FD50B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5FD50B
RGB	95, 213, 11
RGB Percent	37%, 84%, 4%
CMY	0.6275, 0.1647, 0.9569
CMYK	0.55, 0.00, 0.95, 0.16
HSL	95°, 90%, 44%
HSV	95°, 95%, 84%
XYZ	28.5740, 50.0456, 8.4704
YIQ	154.6900, -5.4860, -87.8380

# Conversions

## Conversions Part 2

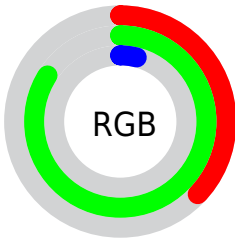
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">11, 213, 129</a>
Decimal	<a href="#">6280459</a>
CIELab	<a href="#">76.10, -62.02, 73.41</a>
CIElCh	<a href="#">76, 96.102, 130.192</a>
Yxy	<a href="#">50.0456, 0.3281, 0.5746</a>
Android (android.graphics.Color)	<a href="#">4284470539</a> ( <a href="#">0xFF5FD50B</a> )
YUV	<a href="#">154.6900, -70.8392, -52.3481</a>
Hunter-Lab	<a href="#">70.7429, -51.7016, 42.4210</a>

# Details

The Hex color **5FD50B** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed green. A complement of this color would be **810BD5**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **9DFF57**, and **049D00** is the 20% darker color. If you saturate the color by 10%, you get **59D500**, and if you desaturate by 10%, it is **6BD520**.

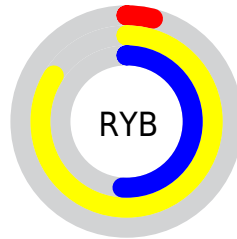
# Distribution



Red (37%)

Green (84%)

Blue (4%)



Red (4%)

Yellow (84%)

Blue (51%)

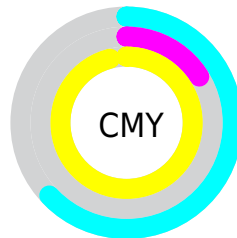


Cyan (55%)

Magenta (0%)

Yellow (95%)

Black (16%)



Cyan (63%)

Magenta (16%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5FD50B 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 5FD50B by changing the saturation by 10% instead.



 5FD50B

 5FD50B

FFFFFF

 3DB900

 9DFF57

 049D00

 BBFF74

 008200

 DAFF91

 006800

 F8FFAE

 004E00

 FFFFCB

 003700

 FFFF E9

 001E00

 000000

 5FD50B

 5FD50B

 59D500

 6BD520

 78D536

 84D54B

 91D560

 9DD576

 AAD58B

 B6D5A0

 C3D5B5

 CFD5CB

# Harmonies

## Analogous

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



C6C100



5FD50B



00DF7B

# Triad

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



5FD50B



00D6FF



FF50A1

# Complementary

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



5FD50B



810BD5

# 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.



FF63FA



5FD50B



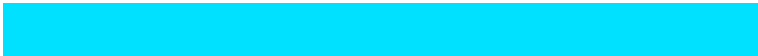
00BDFF

# Square

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



5FD50B



00E1FF



E294FF



FF754C

# Rectangle

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



5FD50B



00E2BA



E294FF



FF4FBF

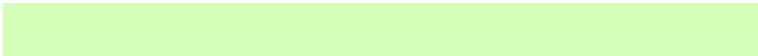


# Sweetspot

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



5FD50B



D5FFB8



D5810B



668054



000000



808080



# Same Dimension

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



5FD50B



6AFF00



0BD51C



656B60



47AB00



122B00



# Inverse Universe

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



810BD5



9500FF



D50BC4



67606B



6400AB

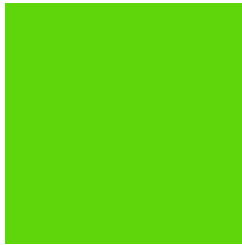


19002B



# Previews

## White Background



This preview shows how the Hex color 5FD50B looks on a white background.

## Color Contrast Check

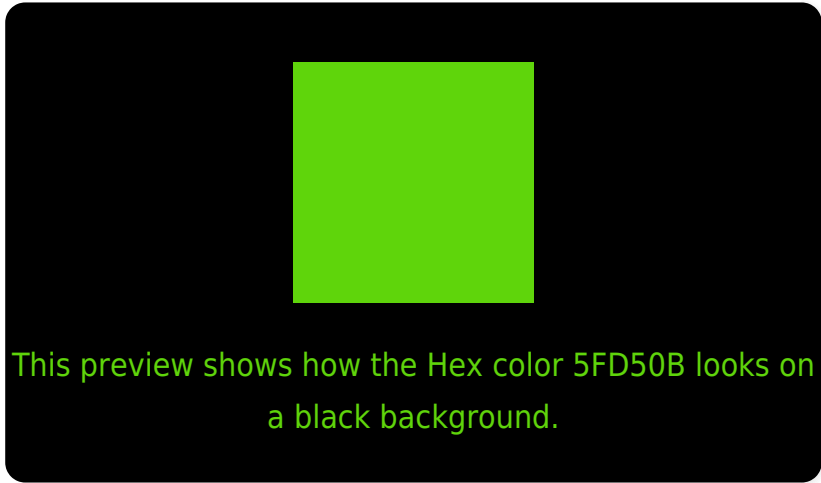
Large Text (above 18pt) WCAG AA × Fail

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 5FD50B Background



This preview shows how black text looks on a background with the Hex color 5FD50B.

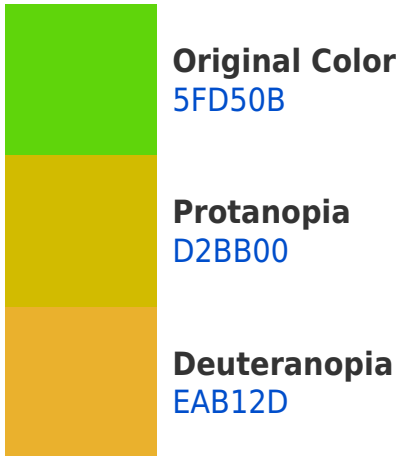


This preview shows how white text looks on a background with the Hex color 5FD50B.

# 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**  
7EC6D6

# Trichromacy



**Original Color**  
5FD50B



**Protanomaly**  
A8C404



**Deuteranomaly**  
B7BE21



**Tritanomaly**  
73CB8C

# Monochromacy



**Original Color**  
5FD50B



**Achromatopsia**  
9B9B9B



**Achromatomaly**  
85B067

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5FD50B 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 #5FD50B looks like.

```
.text, #text, p{  
    color:#5FD50B  
}
```

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 #5FD50B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FD50B
}
```

## Border

The CSS property to change the border of an element to Hex 5FD50B 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
#5FD50B }
```

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

```
.border{ border-color:#5FD50B }
```

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

Here you see how a box with a 4 pixel #5FD50B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FD50B; -webkit-box-shadow:4px 4px  
4px 4px #5FD50B; box-shadow:4px 4px 4px  
4px #5FD50B }
```

# Background

The CSS property to change the background color of an element to Hex 5FD50B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FD50B }
```

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

```
.background{ background-color:#5FD50B }
```

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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