

# Converting Colors

Hex(5DAF01)

Have a look what the booklet for  
Hex(5DAF01) contains.

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**Color**

**Hex(5DAF01)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5DAF01
RGB	93, 175, 1
RGB Percent	36%, 69%, 0%
CMY	0.6353, 0.3137, 0.9961
CMYK	0.47, 0.00, 0.99, 0.31
HSL	88°, 99%, 35%
HSV	88°, 99%, 69%
XYZ	19.8497, 32.9893, 5.3501
YIQ	130.6460, 6.9820, -71.4980

# Conversions

## Conversions Part 2

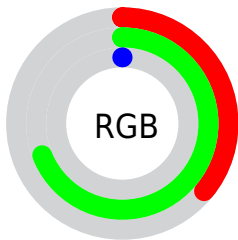
Format	Color
<a href="#">RYB</a>	<a href="#">1, 175, 83</a>
Decimal	<a href="#">6139649</a>
CIELab	<a href="#">64.15, -48.84, 64.94</a>
CIELCh	<a href="#">64, 81.253, 126.944</a>
Yxy	<a href="#">32.9893, 0.3411, 0.5669</a>
Android (android.graphics.Color)	<a href="#">4284329729</a> ( <a href="#">0xFF5DAF01</a> )
YUV	<a href="#">130.6460, -63.9155, -33.0155</a>
Hunter-Lab	<a href="#">57.4363, -38.8250, 34.6826</a>

# Details

The Hex color **5DAF01** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **5301AF**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **97E74C**, and **1C7A00** is the 20% darker color. If you saturate the color by 10%, you get **5DAF00**, and if you desaturate by 10%, it is **65AF12**.

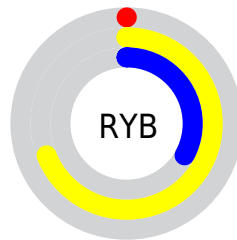
# Distribution



Red (36%)

Green (69%)

Blue (0%)



Red (0%)

Yellow (69%)

Blue (33%)

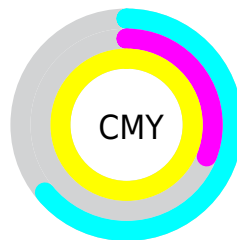


Cyan (47%)

Magenta (0%)

Yellow (99%)

Black (31%)



Cyan (64%)

Magenta (31%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5DAF01 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 5DAF01 by changing the saturation by 10% instead.



 5DAF01

 5DAF01

FFFFFF

 3F9400

 97E74C

 1C7A00

 B4FF68

 006000

 D1FF84

 004700

 EFFFFA0

 003000

 FFFFBD

 001700

 FFFFDA

 000000

 FFFFF7

 5DAF01

 5DAF01

 5DAF00

 65AF12

 6DAF24

 76AF36

 7EAF47

 86AF59

 8EAF6A

 97AF7C

 9FAF8D

 A7AF9F

# Harmonies

## Analogous

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



AC9E00



5DAF01



00B85F

# Triad

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



5DAF01



00B2FF



FF468E

# Complementary

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



5DAF01



5301AF

# 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.



FE59D6



5DAF01



009FFF

# Square

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



5DAF01



00BAF1



B080FF



FF5F48

# Rectangle

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



5DAF01



00BB92



B080FF



FF47A6



# Sweetspot

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



5DAF01



C3E39F



AF5201



5F7349



F2F2F2



737373



# Same Dimension

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



5DAF01



78E300



07AF01



53574E



509600



0C1700



# Inverse Universe

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



5301AF



6B00E3



A901AF



524E57



470096



0B0017



# Previews

## White Background



This preview shows how the Hex color 5DAF01 looks on a white background.

## Color Contrast Check

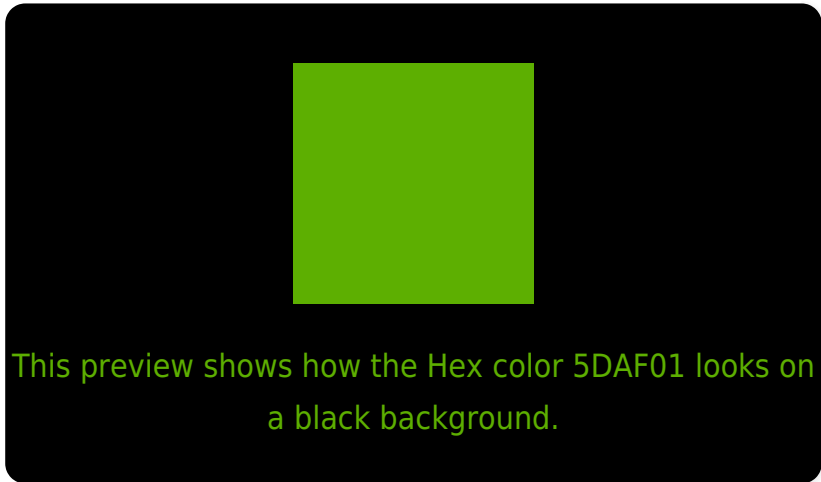
Large Text (above 18pt) WCAG AA × Fail

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 5DAF01 Background



This preview shows how black text looks on a background with the Hex color 5DAF01.

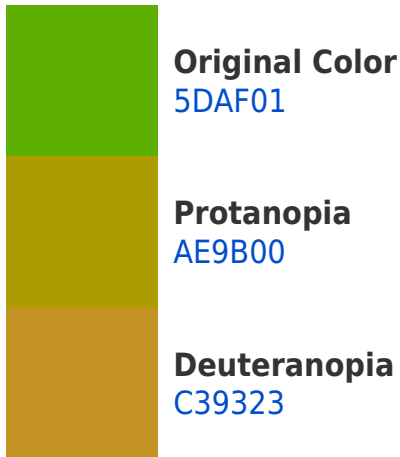


This preview shows how white text looks on a background with the Hex color 5DAF01.

# 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](#).

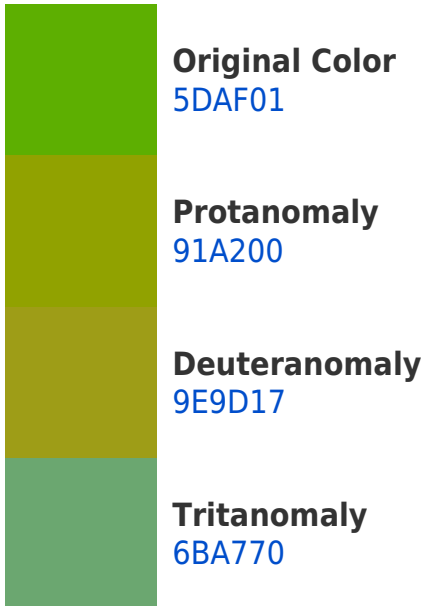
## Dichromacy





**Tritanopia**  
73A3B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5DAF01 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 #5DAF01 looks like.

```
.text, #text, p{  
    color:#5DAF01  
}
```

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 #5DAF01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DAF01
}
```

## Border

The CSS property to change the border of an element to Hex 5DAF01 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
#5DAF01 }
```

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

```
.border{ border-color:#5DAF01 }
```

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

Here you see how a box with a 4 pixel #5DAF01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DAF01; -webkit-box-shadow:4px 4px  
4px 4px #5DAF01; box-shadow:4px 4px 4px  
4px #5DAF01 }
```

# Background

The CSS property to change the background color of an element to Hex 5DAF01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DAF01 }
```

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

```
.background{ background-color:#5DAF01 }
```

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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