

# Converting Colors

Hex(5EDD05)

Have a look what the booklet for  
Hex(5EDD05) contains.

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**Color**

**Hex(5EDD05)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5EDD05
RGB	94, 221, 5
RGB Percent	37%, 87%, 2%
CMY	0.6314, 0.1333, 0.9804
CMYK	0.57, 0.00, 0.98, 0.13
HSL	95°, 96%, 44%
HSV	95°, 98%, 87%
XYZ	30.4999, 54.1035, 8.9791
YIQ	158.4030, -6.3560, -94.1000

# Conversions

## Conversions Part 2

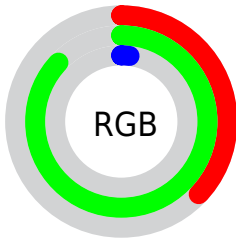
Format	Color
<a href="#">RYB</a>	<a href="#">5, 221, 132</a>
Decimal	<a href="#">6216965</a>
CIELab	<a href="#">78.52, -65.11, 75.92</a>
CIELCh	<a href="#">79, 100.012, 130.618</a>
Yxy	<a href="#">54.1035, 0.3259, 0.5781</a>
Android (android.graphics.Color)	<a href="#">4284407045 (0xFF5EDD05)</a>
YUV	<a href="#">158.4030, -75.6277, -56.4814</a>
Hunter-Lab	<a href="#">73.5551, -54.7057, 44.2509</a>

# Details

The Hex color **5EDD05** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **8405DD**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **9DFF57**, and **00A500** is the 20% darker color. If you saturate the color by 10%, you get **5BDD00**, and if you desaturate by 10%, it is **6BDD1B**.

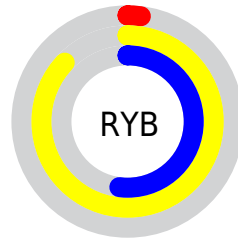
# Distribution



Red (37%)

Green (87%)

Blue (2%)



Red (2%)

Yellow (87%)

Blue (52%)

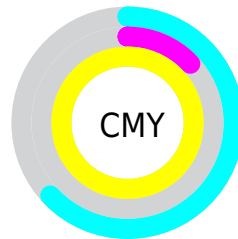


Cyan (57%)

Magenta (0%)

Yellow (98%)

Black (13%)



Cyan (63%)

Magenta (13%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5EDD05 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 5EDD05 by changing the saturation by 10% instead.



 5EDD05

 5EDD05

FFFFFF

 3AC100

 9DFF57

 00A500

 BCFF75

 008900

 DBFF92

 006F00

 F9FFAF

 005500

 FFFFCC

 003D00

 FFFFEA

 002400

 000000

 5EDD05

 5EDD05

 5BDD00

 6BDD1B

 78DD31

 85DD47

 92DD5D

 9FDD74

 ACDD8A

 B9DDA0

 C6DDB6

 D3DDCC

# Harmonies

## Analogous

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



CBC900



5EDD05



00E780

# Triad

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



5EDD05



00DDFF



FF4FA6

# Complementary

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



5EDD05



8405DD

# 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.



FF64FF



5EDD05



00C3FF

# Square

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



5EDD05



00E9FF



ED98FF



FF784C

# Rectangle

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



5EDD05



00EAC2



ED98FF



FF4EC5

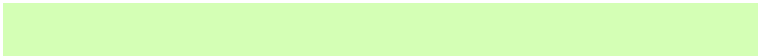


# Sweetspot

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



5EDD05



D4FFB5



DD8305



658053



000000



808080



# Same Dimension

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



5EDD05



69FF00



05DD17



676E63



47AD00



132E00



# Inverse Universe

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



8405DD



9600FF



DD05CB



69636E



6600AD

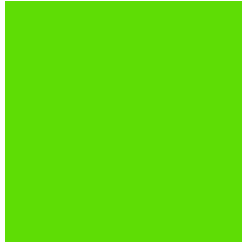


1B002E



# Previews

## White Background



This preview shows how the Hex color 5EDD05 looks on a white background.

## Color Contrast Check

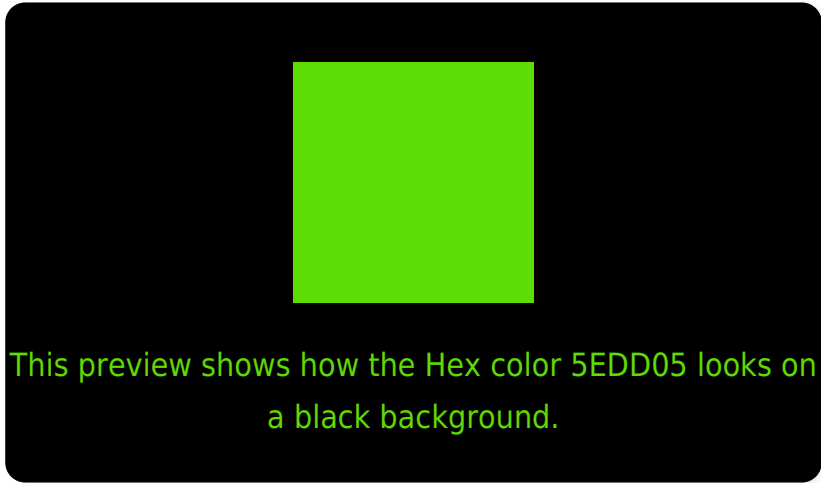
Large Text (above 18pt) WCAG AA × Fail

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 5EDD05 Background



This preview shows how black text looks on a background with the Hex color 5EDD05.

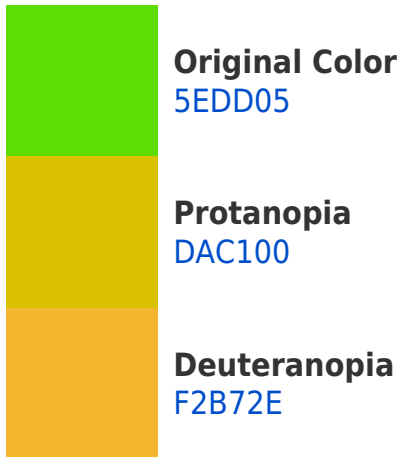


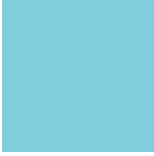
This preview shows how white text looks on a background with the Hex color 5EDD05.

# 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](#).

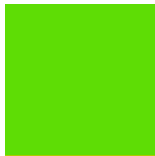
## Dichromacy





**Tritanopia**  
80CDDE

# Trichromacy



**Original Color**  
5EDD05



**Protanomaly**  
ADCB02



**Deuteranomaly**  
BCC51F



**Tritanomaly**  
74D38F

# Monochromacy



**Original Color**  
5EDD05



**Achromatopsia**  
9E9E9E



**Achromatomaly**  
87B566

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5EDD05 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 #5EDD05 looks like.

```
.text, #text, p{  
    color:#5EDD05  
}
```

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 #5EDD05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EDD05  
}
```

## Border

The CSS property to change the border of an element to Hex 5EDD05 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  
#5EDD05 }
```

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

```
.border{ border-color:#5EDD05 }
```

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

Here you see how a box with a 4 pixel #5EDD05 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EDD05; -webkit-box-shadow:4px 4px  
4px 4px #5EDD05; box-shadow:4px 4px 4px  
4px #5EDD05 }
```

# Background

The CSS property to change the background color of an element to Hex 5EDD05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EDD05 }
```

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

```
.background{ background-color:#5EDD05 }
```

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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