

Converting Colors

Hex(5AFD35)

Have a look what the booklet for
Hex(5AFD35) contains.

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Color

Hex(5AFD35)

Conversions

Conversions Part 1

Format	Color
Hex	5AFD35
RGB	90, 253, 53
RGB Percent	35%, 99%, 21%
CMY	0.6471, 0.0078, 0.7922
CMYK	0.64, 0.00, 0.79, 0.01
HSL	109°, 98%, 60%
HSV	109°, 79%, 99%
XYZ	39.9843, 72.6813, 15.2897
YIQ	181.4630, -32.9480, -96.7560

Conversions

Conversions Part 2

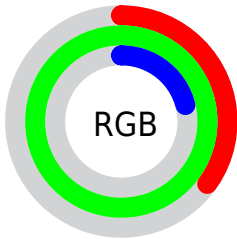
Format	Color
RYB	53, 253, 216
Decimal	5963061
CIELab	88.30, -74.90, 75.87
CIELCh	88, 106.612, 134.635
Yxy	72.6813, 0.3125, 0.5680
Android (android.graphics.Color)	4284153141 (0xFF5AFD35)
YUV	181.4630, -63.3323, -80.2131
Hunter-Lab	85.2533, -65.4757, 49.0440

Details

The Hex color **5AFD35** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **D835FD**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **9EFF73**, and **00C300** is the 20% darker color. If you saturate the color by 10%, you get **45FD1C**, and if you desaturate by 10%, it is **6FFD4E**.

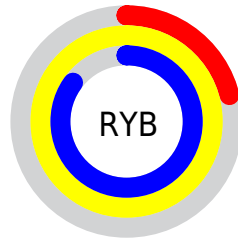
Distribution



Red (35%)

Green (99%)

Blue (21%)



Red (21%)

Yellow (99%)

Blue (85%)

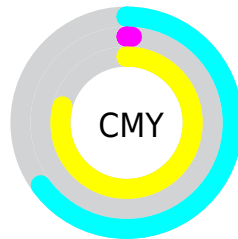


Cyan (64%)

Magenta (0%)

Yellow (79%)

Black (1%)



Cyan (65%)

Magenta (1%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AFD35 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 5AFD35 by changing the saturation by 10% instead.

 5AFD35

FFFFFF

 9EFF73

 BEFF90

 DDFFAD

 FDFFCB

 FFFFE9

 5AFD35

 2FE000

 00C300

 00A700

 008B00

 007000

 005600

 003E00

 002400

 000000

 5AFD35

 5AFD35

 45FD1C

 6FFD4E

 31FD02

 83FD68

 2FFD00

 98FD81

 ACFD9A

 C1FDB4

 D6FDCD

 EAFDE6

 FFFDFF

Harmonies

Analogous

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



DCE800



5AFD35



00FFA4

Triad

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



5AFD35



00F8FF



FF68B1

Complementary

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



5AFD35



D835FD

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.



FF73FF



5AFD35



1BD9FF

Square

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



5AFD35



00FFFF



FFA9FF



FF9550

Rectangle

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



5AFD35



00FFEB



FFA9FF



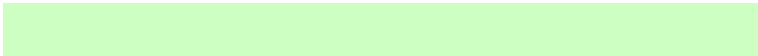
FF64D2

Sweetspot

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



5AFD35



CDFFC2



FDD535



61805B



000000



808080

Same Dimension

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



5AFD35



3AFF0D



35FD71



758073



23BF00



0C4000

Inverse Universe

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



D835FD



D20DFF



FD35C1



7D7380



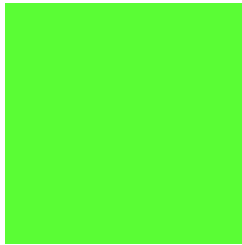
9C00BF



340040

Previews

White Background



This preview shows how the Hex color 5AFD35 looks on a white background.

Color Contrast Check

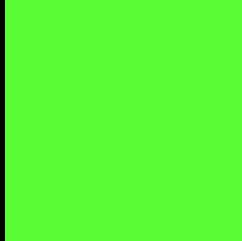
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 5AFD35 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

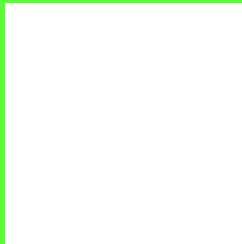
Any Text WCAG AAA ✓ Pass

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

Hex 5AFD35 Background



This preview shows how black text looks on a background with the Hex color 5AFD35.

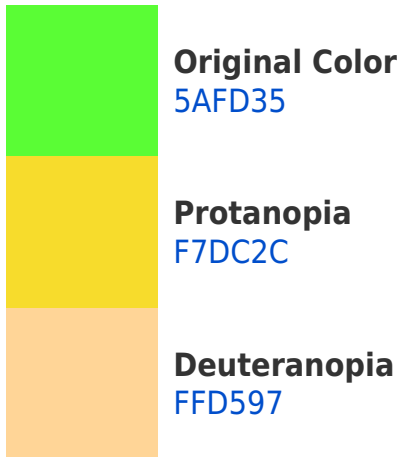


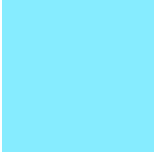
This preview shows how white text looks on a background with the Hex color 5AFD35.

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](#).

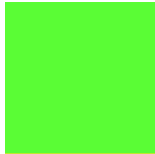
Dichromacy





Tritanopia
86ECFF

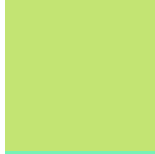
Trichromacy



Original Color
5AFD35



Protanomaly
BEE82F

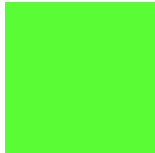


Deuteranomaly
C3E473



Tritanomaly
76F2B6

Monochromacy



Original Color
5AFD35



Achromatopsia
B5B5B5



Achromatomaly
94CF86

CSS Examples

Text

The CSS property to change the color of the text to Hex 5AFD35 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 #5AFD35 looks like.

```
.text, #text, p{  
    color:#5AFD35  
}
```

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 #5AFD35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AFD35
}
```

Border

The CSS property to change the border of an element to Hex 5AFD35 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
#5AFD35 }
```

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

```
.border{ border-color:#5AFD35 }
```

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

Here you see how a box with a 4 pixel #5AFD35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AFD35; -webkit-box-shadow:4px 4px  
4px 4px #5AFD35; box-shadow:4px 4px 4px  
4px #5AFD35 }
```

Background

The CSS property to change the background color of an element to Hex 5AFD35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AFD35 }
```

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

```
.background{ background-color:#5AFD35 }
```

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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