

Converting Colors

Hex(5DD35F)

Have a look what the booklet for
Hex(5DD35F) contains.

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Color

Hex(5DD35F)

Conversions

Conversions Part 1

Format	Color
Hex	5DD35F
RGB	93, 211, 95
RGB Percent	36%, 83%, 37%
CMY	0.6353, 0.1725, 0.6275
CMYK	0.56, 0.00, 0.55, 0.17
HSL	121°, 57%, 60%
HSV	121°, 56%, 83%
XYZ	29.8740, 49.7419, 18.8531
YIQ	162.4940, -33.0920, -61.0920

Conversions

Conversions Part 2

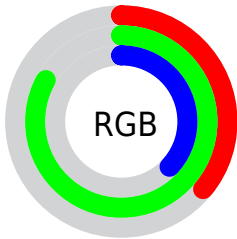
Format	Color
RYB	93, 209, 211
Decimal	6148959
CIELab	75.91, -56.21, 46.99
CIELCh	76, 73.267, 140.104
Yxy	49.7419, 0.3034, 0.5052
Android (android.graphics.Color)	4284339039 (0xFF5DD35F)
YUV	162.4940, -33.2745, -60.9462
Hunter-Lab	70.5279, -47.8154, 33.5205

Details

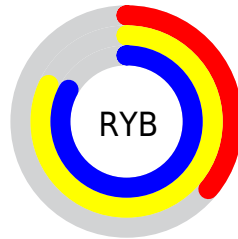
The Hex color **5DD35F** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted green. A complement of this color would be **D35DD1**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **98FF94**, and **119B2B** is the 20% darker color. If you saturate the color by 10%, you get **48D34A**, and if you desaturate by 10%, it is **72D374**.

Distribution



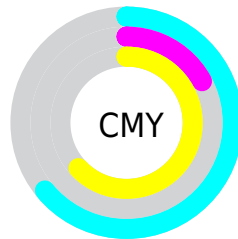
- Red (36%)
- Green (83%)
- Blue (37%)



- Red (36%)
- Yellow (82%)
- Blue (83%)



- Cyan (56%)
- Magenta (0%)
- Yellow (55%)
- Black (17%)



- Cyan (64%)
- Magenta (17%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DD35F 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 5DD35F by changing the saturation by 10% instead.


 5DD35F

 5DD35F

FFFFFF

 3DB745


 98FF94

 119B2B

 B6FFB0

 00800C

 D4FFCC

 006600

 F2FFE8

 004D00

 003500

 001D00

 000000

 5DD35F

 5DD35F

 48D34A

 72D374

 33D336

 87D388

 1ED321

 9CD39D

 09D30C

 B1D3B2

 00D304

 C6D3C7

 DCD3DB

 F1D3F0

 FFD3FF

Harmonies

Analogous

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



B2C52B



5DD35F



00DAA2

Triad

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



5DD35F



00C9FF



FF7D91

Complementary

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



5DD35F



D35DD1

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.



FF7DD5



5DD35F



91B3FF

Square

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



5DD35F



00D6FF



F795FF



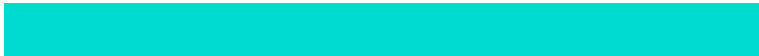
FF9454

Rectangle

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



5DD35F



00DBD1



F795FF



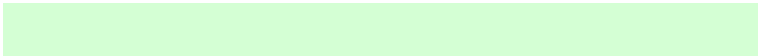
FF7AA7

Sweetspot

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



5DD35F



D4FFD4



D1D35D



668066



000000



808080

Same Dimension

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



5DD35F



54FF57



5DD39A



5E695E



00A803



002901

Inverse Universe

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



D35DD1



FF54FC



D35D96



695E68



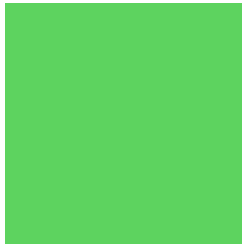
A800A5



290028

Previews

White Background



This preview shows how the Hex color 5DD35F looks on a white background.

Color Contrast Check

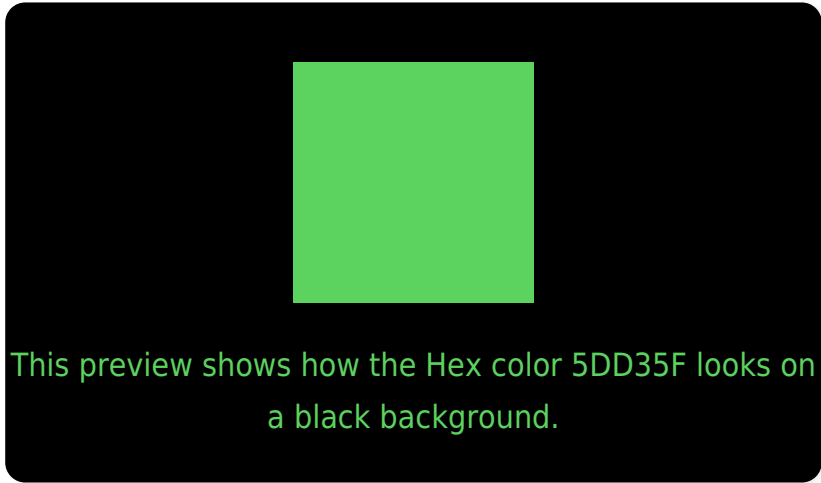
Large Text (above 18pt) WCAG AA × Fail

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

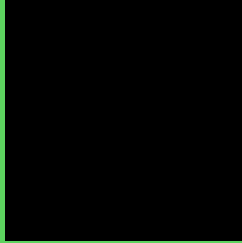
Any Text WCAG AA ✓ Pass

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 5DD35F Background



This preview shows how black text looks on a background with the Hex color 5DD35F.

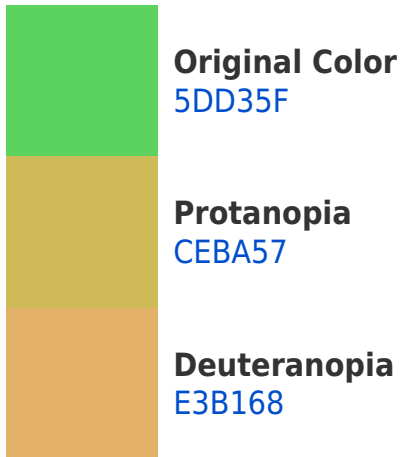


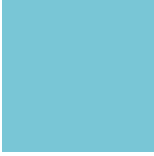
This preview shows how white text looks on a background with the Hex color 5DD35F.

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](#).

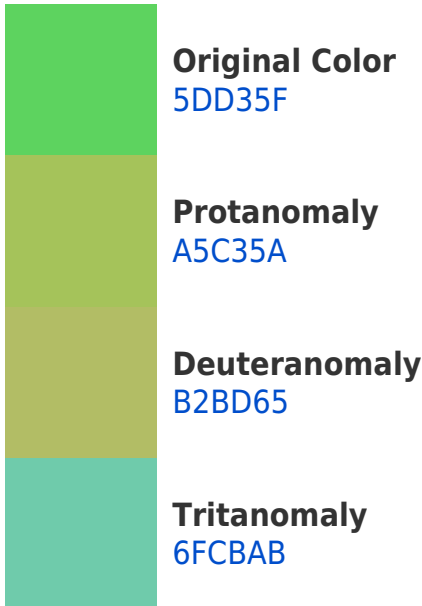
Dichromacy



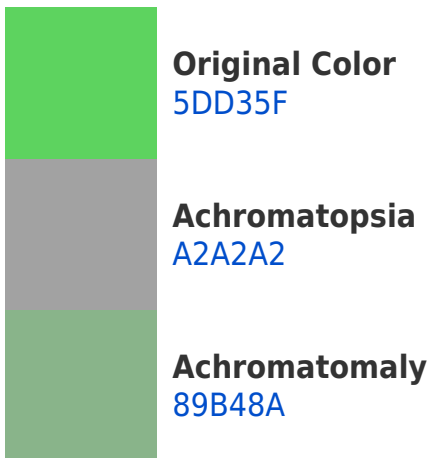


Tritanopia
79C6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5DD35F 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 #5DD35F looks like.

```
.text, #text, p{  
    color:#5DD35F  
}
```

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 #5DD35F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DD35F
}
```

Border

The CSS property to change the border of an element to Hex 5DD35F 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
#5DD35F }
```

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

```
.border{ border-color:#5DD35F }
```

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

Here you see how a box with a 4 pixel #5DD35F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DD35F; -webkit-box-shadow:4px 4px  
4px 4px #5DD35F; box-shadow:4px 4px 4px  
4px #5DD35F }
```

Background

The CSS property to change the background color of an element to Hex 5DD35F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DD35F }
```

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

```
.background{ background-color:#5DD35F }
```

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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