

Converting Colors

Hex(5FD365)

Have a look what the booklet for
Hex(5FD365) contains.

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Color

Hex(5FD365)

Conversions

Conversions Part 1

Format	Color
Hex	5FD365
RGB	95, 211, 101
RGB Percent	37%, 83%, 40%
CMY	0.6275, 0.1725, 0.6039
CMYK	0.55, 0.00, 0.52, 0.17
HSL	123°, 57%, 60%
HSV	123°, 55%, 83%
XYZ	30.3625, 49.9610, 20.3551
YIQ	163.7760, -33.8260, -58.8020

Conversions

Conversions Part 2

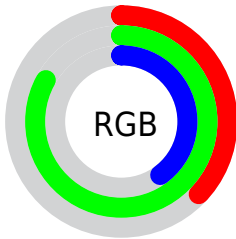
Format	Color
RYB	95, 205, 211
Decimal	6280037
CIELab	76.05, -54.95, 44.34
CIELCh	76, 70.608, 141.098
Yxy	49.9610, 0.3016, 0.4962
Android (android.graphics.Color)	4284470117 (0xFF5FD365)
YUV	163.7760, -30.9486, -60.3166
Hunter-Lab	70.6831, -47.0192, 32.4040

Details

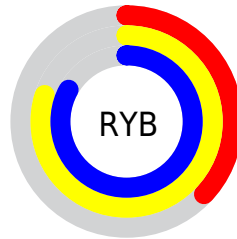
The Hex color **5FD365** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **D35FCD**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **9AFF9A**, and **179B32** is the 20% darker color. If you saturate the color by 10%, you get **4AD351**, and if you desaturate by 10%, it is **74D379**.

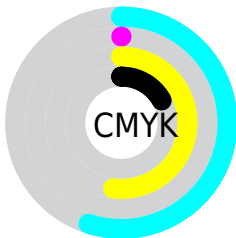
Distribution



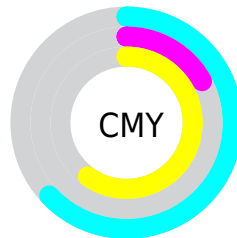
- Red (37%)
- Green (83%)
- Blue (40%)



- Red (37%)
- Yellow (80%)
- Blue (83%)



- Cyan (55%)
- Magenta (0%)
- Yellow (52%)
- Black (17%)



- Cyan (63%)
- Magenta (17%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FD365 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 5FD365 by changing the saturation by 10% instead.

 5FD365

 5FD365

FFFFFF

 40B74B

 9AFF9A

 179B32

 B7FFB6

 008116

 D5FFD2

 006600

 F3FFE7

 004D00

 003500

 001D00

 000000

 5FD365

 5FD365

 4AD351

 74D379

 35D33D

 89D38D

 20D329

 9ED3A1

 0BD315

 B3D3B5

 00D30B

 C9D3C9

 DED3DD

 F3D3F1

 FFD3FF

Harmonies

Analogous

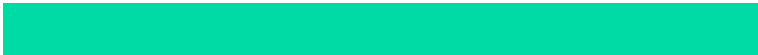
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B1C634



5FD365



00DAA5

Triad

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



5FD365



00C9FF



FF8190

Complementary

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



5FD365



D35FCD

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.



FF80D2



5FD365



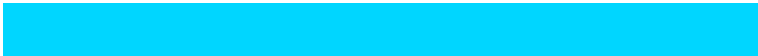
99B2FF

Square

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



5FD365



00D6FF



F896FF



FF9757

Rectangle

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



5FD365



00DBD3



F896FF



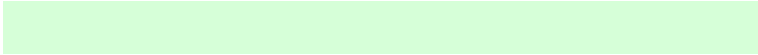
FF7EA6

Sweetspot

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



5FD365



D6FFD8



CDD35F



678069



000000



808080

Same Dimension

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



5FD365



57FF5F



5FD39F



5E695F



00A809



002902

Inverse Universe

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



D35FCD



FF57F6



D35F93



695E68



A800A0



290027

Previews

White Background



This preview shows how the Hex color 5FD365 looks on a white background.

Color Contrast Check

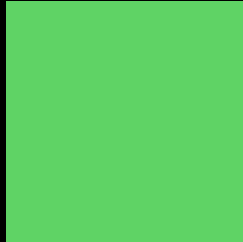
Large Text (above 18pt) WCAG AA × Fail

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 5FD365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

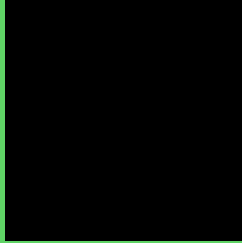
Any Text WCAG AA ✓ Pass

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 5FD365 Background



This preview shows how black text looks on a background with the Hex color 5FD365.

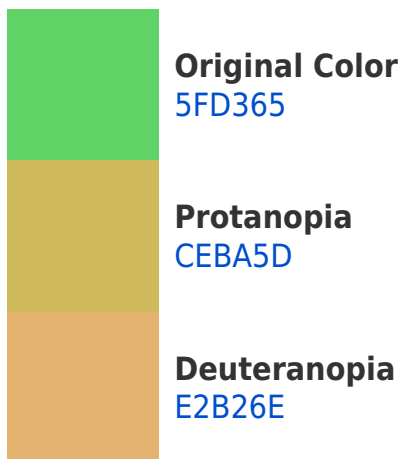


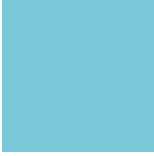
This preview shows how white text looks on a background with the Hex color 5FD365.

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](#).

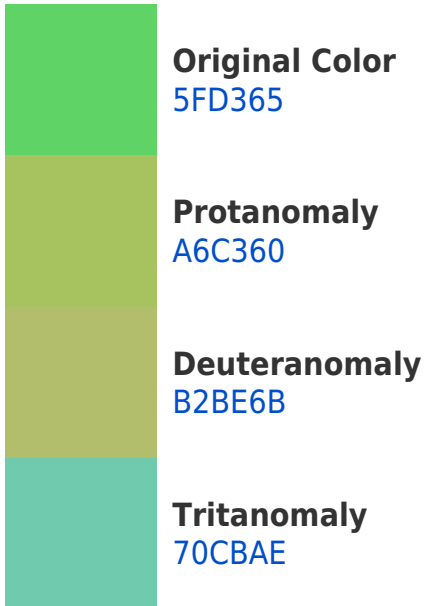
Dichromacy



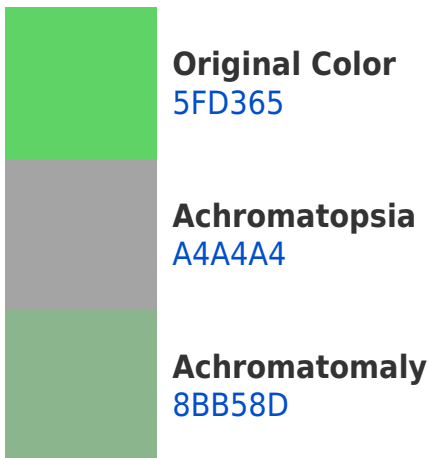


Tritanopia
79C7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5FD365 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 #5FD365 looks like.

```
.text, #text, p{  
    color:#5FD365  
}
```

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 #5FD365 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FD365
}
```

Border

The CSS property to change the border of an element to Hex 5FD365 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
#5FD365 }
```

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

```
.border{ border-color:#5FD365 }
```

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

Here you see how a box with a 4 pixel #5FD365 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FD365; -webkit-box-shadow:4px 4px  
4px 4px #5FD365; box-shadow:4px 4px 4px  
4px #5FD365 }
```

Background

The CSS property to change the background color of an element to Hex 5FD365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FD365 }
```

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

```
.background{ background-color:#5FD365 }
```

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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