

Converting Colors

Hex(5FD37E)

Have a look what the booklet for
Hex(5FD37E) contains.

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Color

Hex(5FD37E)

Conversions

Conversions Part 1

Format	Color
Hex	5FD37E
RGB	95, 211, 126
RGB Percent	37%, 83%, 49%
CMY	0.6275, 0.1725, 0.5059
CMYK	0.55, 0.00, 0.40, 0.17
HSL	136°, 57%, 60%
HSV	136°, 55%, 83%
XYZ	31.7795, 50.5278, 27.8165
YIQ	166.6260, -41.8510, -51.0270

Conversions

Conversions Part 2

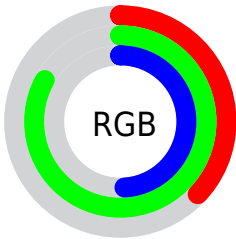
Format	Color
RYB	95, 187, 211
Decimal	6280062
CIELab	76.39, -51.21, 32.39
CIELCh	76, 60.592, 147.684
Yxy	50.5278, 0.2886, 0.4588
Android (android.graphics.Color)	4284470142 (0xFF5FD37E)
YUV	166.6260, -20.0286, -62.8160
Hunter-Lab	71.0829, -44.5920, 26.5563

Details

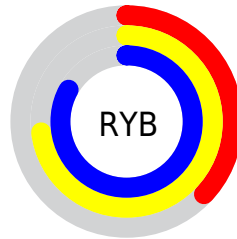
The Hex color **5FD37E** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **D35FB4**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **99FFB4**, and **1A9B4C** is the 20% darker color. If you saturate the color by 10%, you get **4AD36F**, and if you desaturate by 10%, it is **74D38D**.

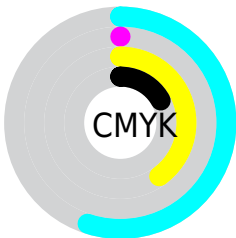
Distribution



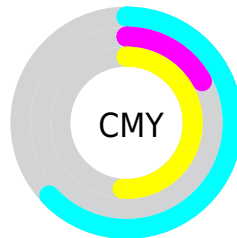
- Red (37%)
- Green (83%)
- Blue (49%)



- Red (37%)
- Yellow (73%)
- Blue (83%)



- Cyan (55%)
- Magenta (0%)
- Yellow (40%)
- Black (17%)



- Cyan (63%)
- Magenta (17%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FD37E 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 5FD37E by changing the saturation by 10% instead.

 5FD37E

 5FD37E

FFFFFF

 40B764

 99FFB4

 1A9B4C

 B7FFCF

 008134

 D4FFEC

 00671C

 F2FFFF

 004D02

 003600

 001E00

 000000

 5FD37E

 5FD37E

 4AD36F

 74D38D

 35D35F

 89D39D

 20D350

 9ED3AC

 0BD340

 B3D3BC

 00D338

 C9D3CB

 DED3DB

 F3D3EA

 FFD3FA

 FFD3FF

Harmonies

Analogous

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



A8C954



5FD37E



00D8B6

Triad

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



5FD37E



30C4FF



FF908C

Complementary

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



5FD37E



D35FB4

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.



FF8CC3



5FD37E



B8AFFF

Square

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



5FD37E



00D1FF



FD99F9



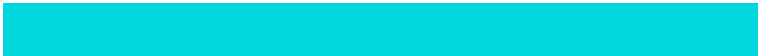
FFA35E

Rectangle

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



5FD37E



00D8DD



FD99F9



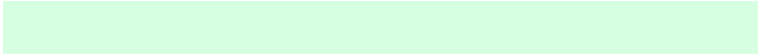
FF8D9D

Sweetspot

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



5FD37E



D6FFE1



B4D35F



67806E



000000



808080

Same Dimension

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



5FD37E



57FF84



5FD3B8



5E6961



00A82D



00290B

Inverse Universe

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



D35FB4



FF57D2



D35F7A



695E66



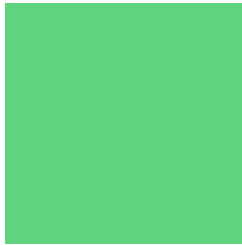
A8007B



29001E

Previews

White Background



This preview shows how the Hex color 5FD37E 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 5FD37E looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

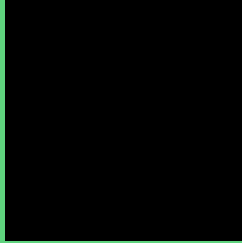
Any Text WCAG AA ✓ Pass

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 5FD37E Background



This preview shows how black text looks on a background with the Hex color 5FD37E.

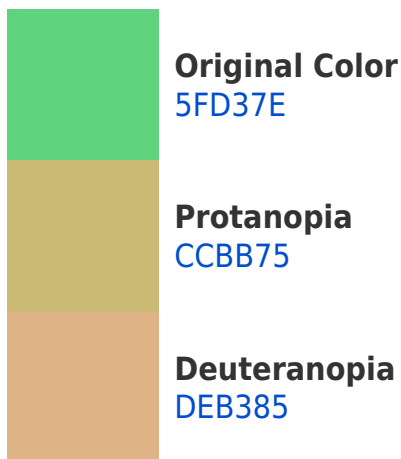


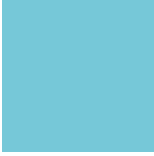
This preview shows how white text looks on a background with the Hex color 5FD37E.

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
76C8D8

Trichromacy



Original Color
5FD37E



Protanomaly
A4C478



Deuteranomaly
B0BF82



Tritanomaly
6ECCB7

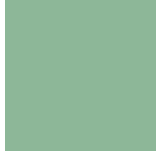
Monochromacy



Original Color
5FD37E



Achromatopsia
A7A7A7



Achromatomaly
8DB798

CSS Examples

Text

The CSS property to change the color of the text to Hex 5FD37E 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 #5FD37E looks like.

```
.text, #text, p{  
    color:#5FD37E  
}
```

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 #5FD37E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FD37E
}
```

Border

The CSS property to change the border of an element to Hex 5FD37E 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
#5FD37E }
```

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

```
.border{ border-color:#5FD37E }
```

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

Here you see how a box with a 4 pixel #5FD37E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FD37E; -webkit-box-shadow:4px 4px  
4px 4px #5FD37E; box-shadow:4px 4px 4px  
4px #5FD37E }
```

Background

The CSS property to change the background color of an element to Hex 5FD37E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FD37E }
```

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

```
.background{ background-color:#5FD37E }
```

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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