

Converting Colors

Hex(5ED16D)

Have a look what the booklet for
Hex(5ED16D) contains.

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Color

Hex(5ED16D)

Conversions

Conversions Part 1

Format	Color
Hex	5ED16D
RGB	94, 209, 109
RGB Percent	37%, 82%, 43%
CMY	0.6314, 0.1804, 0.5725
CMYK	0.55, 0.00, 0.48, 0.18
HSL	128°, 56%, 59%
HSV	128°, 55%, 82%
XYZ	30.1769, 49.0847, 22.3518
YIQ	163.2150, -36.4400, -55.4800

Conversions

Conversions Part 2

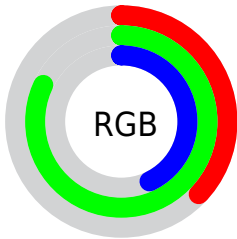
Format	Color
RYB	94, 196, 209
Decimal	6213997
CIELab	75.50, -53.31, 39.78
CIElCh	76, 66.522, 143.269
Yxy	49.0847, 0.2970, 0.4831
Android (android.graphics.Color)	4284404077 (0xFF5ED16D)
YUV	163.2150, -26.7280, -60.7016
Hunter-Lab	70.0605, -45.7213, 30.1267

Details

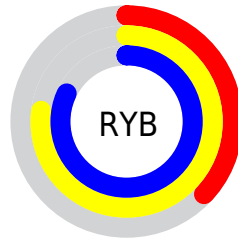
The Hex color **5ED16D** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **D15EC2**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **99FFA2**, and **17993A** is the 20% darker color. If you saturate the color by 10%, you get **49D15B**, and if you desaturate by 10%, it is **73D17F**.

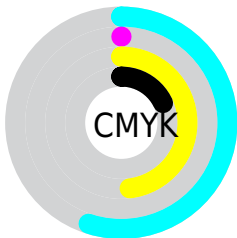
Distribution



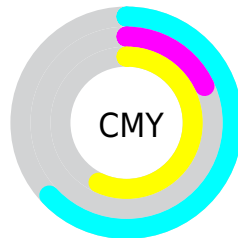
- Red (37%)
- Green (82%)
- Blue (43%)



- Red (37%)
- Yellow (77%)
- Blue (82%)



- Cyan (55%)
- Magenta (0%)
- Yellow (48%)
- Black (18%)



- Cyan (63%)
- Magenta (18%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5ED16D 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 5ED16D by changing the saturation by 10% instead.

 5ED16D

 5ED16D

FFFFFF

 3FB553

 99FFA2

 17993A

 B6FFBE

 007F21

 D3FFDA

 006504

 F1FFF7

 004C00

 003400

 001C00

 000000

 5ED16D

 5ED16D

 49D15B

 73D17F

 34D149

 88D191

 1FD136

 9DD1A4

 0AD124

 B2D1B6

 00D11B

 C7D1C8

 DBD1DA

 F0D1EC

 FFD1FE

 FFD1FF

Harmonies

Analogous

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



ACC540



5ED16D



00D7AA

Triad

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



5ED16D



00C5FF



FF868D

Complementary

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



5ED16D



D15EC2

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.



FF83CB



5ED16D



A3B0FF

Square

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



5ED16D



00D2FF



F796FF



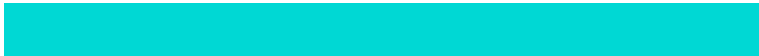
FF9A58

Rectangle

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



5ED16D



00D8D4



F796FF



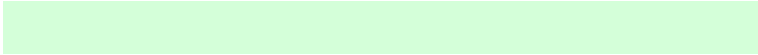
FF82A1

Sweetspot

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



5ED16D



D4FFD9



C4D15E



668069



000000



808080

Same Dimension

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



5ED16D



57FF6D



5ED1A5



5E695F



00A816



002905

Inverse Universe

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



D15EC2



FF57E9



D15E8A



695E67



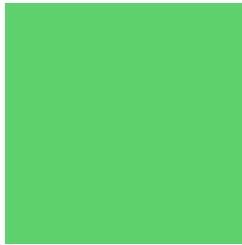
A80092



290023

Previews

White Background



This preview shows how the Hex color 5ED16D 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 5ED16D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

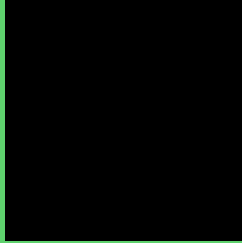
Any Text WCAG AA ✓ Pass

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 5ED16D Background



This preview shows how black text looks on a background with the Hex color 5ED16D.

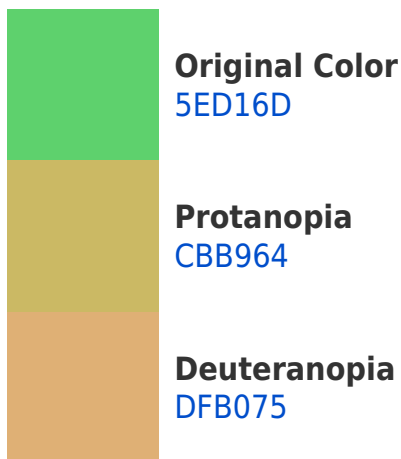


This preview shows how white text looks on a background with the Hex color 5ED16D.

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](#).

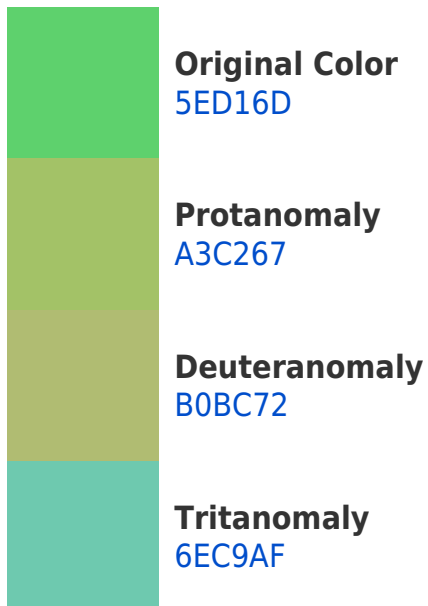
Dichromacy



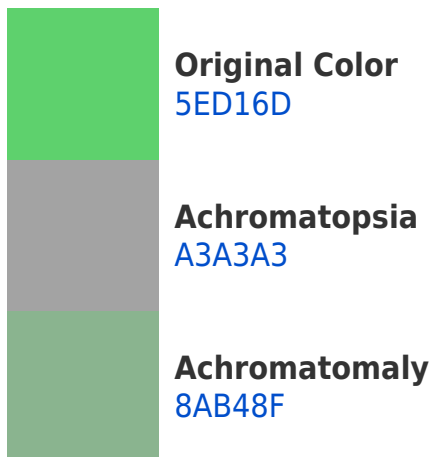


Tritanopia
77C5D5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5ED16D 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 #5ED16D looks like.

```
.text, #text, p{  
    color:#5ED16D  
}
```

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 #5ED16D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5ED16D
}
```

Border

The CSS property to change the border of an element to Hex 5ED16D 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
#5ED16D }
```

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

```
.border{ border-color:#5ED16D }
```

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

Here you see how a box with a 4 pixel #5ED16D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5ED16D; -webkit-box-shadow:4px 4px  
4px 4px #5ED16D; box-shadow:4px 4px 4px  
4px #5ED16D }
```

Background

The CSS property to change the background color of an element to Hex 5ED16D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5ED16D }
```

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

```
.background{ background-color:#5ED16D }
```

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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