

Converting Colors

Hex(5ED65A)

Have a look what the booklet for
Hex(5ED65A) contains.

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Color

Hex(5ED65A)

Conversions

Conversions Part 1

Format	Color
Hex	5ED65A
RGB	94, 214, 90
RGB Percent	37%, 84%, 35%
CMY	0.6314, 0.1608, 0.6471
CMYK	0.56, 0.00, 0.58, 0.16
HSL	118°, 60%, 60%
HSV	118°, 58%, 84%
XYZ	30.5081, 51.2110, 17.9496
YIQ	163.9840, -31.7160, -64.0040

Conversions

Conversions Part 2

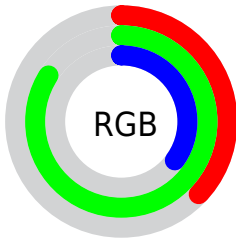
Format	Color
RYB	90, 214, 210
Decimal	6215258
CIELab	76.81, -57.68, 50.35
CIELCh	77, 76.567, 138.885
Yxy	51.2110, 0.3061, 0.5138
Android (android.graphics.Color)	4284405338 (0xFF5ED65A)
YUV	163.9840, -36.4741, -61.3760
Hunter-Lab	71.5619, -49.1355, 35.2218

Details

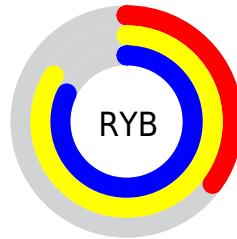
The Hex color **5ED65A** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted green. A complement of this color would be **D25AD6**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **9AFF8F**, and **109E24** is the 20% darker color. If you saturate the color by 10%, you get **49D645**, and if you desaturate by 10%, it is **73D66F**.

Distribution



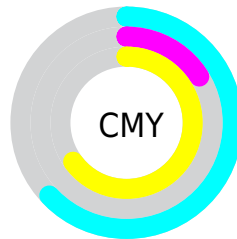
- Red (37%)
- Green (84%)
- Blue (35%)



- Red (35%)
- Yellow (84%)
- Blue (82%)



- Cyan (56%)
- Magenta (0%)
- Yellow (58%)
- Black (16%)



- Cyan (63%)
- Magenta (16%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5ED65A 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 5ED65A by changing the saturation by 10% instead.

 5ED65A

 5ED65A

FFFFFF

 3EBA40

 9AFF8F

 109E24

 B7FFAB

 008300

 D5FFC7


 006900

 F3FFE4

 005000

 003800

 002000

 000000

 5ED65A

 5ED65A

 49D645

 73D66F

 35D62F

 87D685

 20D61A

 9CD69A

 0BD604

 B1D6B0

 07D600

 C6D6C5

 DAD6DA

 EFD6F0

 FFD6FF

Harmonies

Analogous

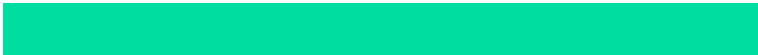
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B6C820



5ED65A



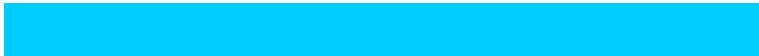
00DDA0

Triad

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



5ED65A



00CFFF



FF7B94

Complementary

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



5ED65A



D25AD6

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.



FF7CDB



5ED65A



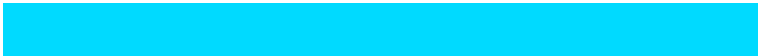
89B6FF

Square

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



5ED65A



00DAFF



F996FF



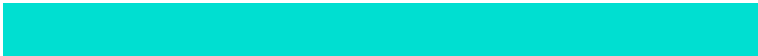
FF9354

Rectangle

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



5ED65A



00DFD1



F996FF



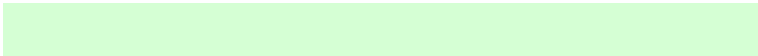
FF77AB

Sweetspot

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



5ED65A



D5FFD4



D6D25A



678066



000000



808080

Same Dimension

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



5ED65A



52FF4D



5AD694



616B60



06AB00



012B00

Inverse Universe

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



D25AD6



F94DFF



D65A9C



6B606B



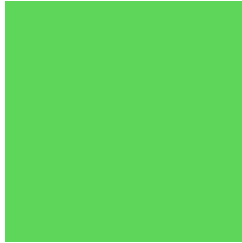
A500AB



2A002B

Previews

White Background



This preview shows how the Hex color 5ED65A looks on a white background.

Color Contrast Check

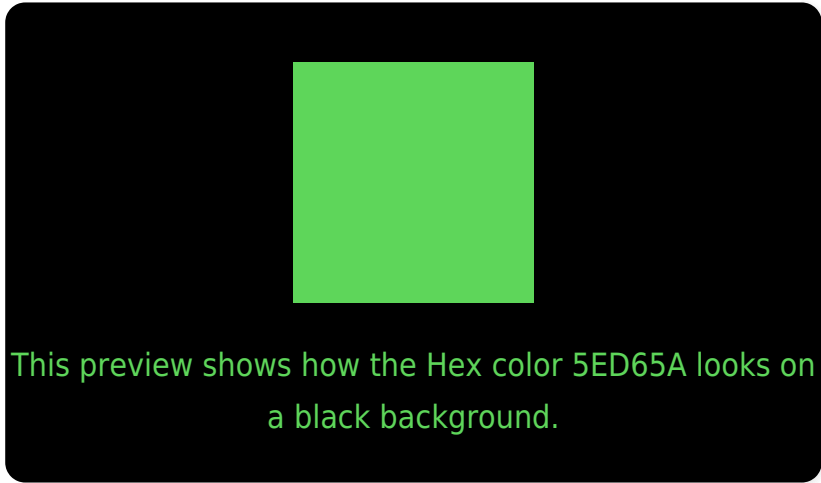
Large Text (above 18pt) WCAG AA × Fail

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

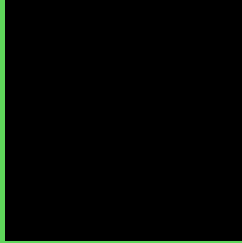
Any Text WCAG AA ✓ Pass

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 5ED65A Background



This preview shows how black text looks on a background with the Hex color 5ED65A.

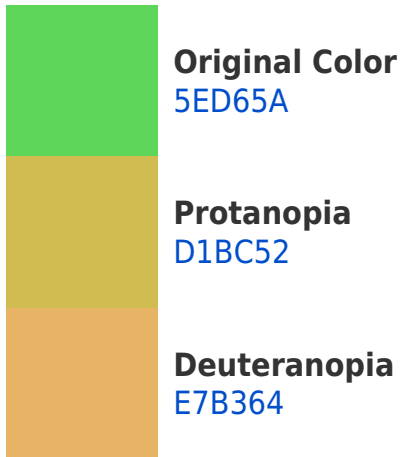


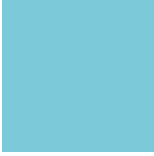
This preview shows how white text looks on a background with the Hex color 5ED65A.

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
7BC9D9

Trichromacy



Original Color
5ED65A



Protanomaly
A7C555



Deuteranomaly
B5C060



Tritanomaly
70CEAB

Monochromacy



Original Color
5ED65A



Achromatopsia
A4A4A4



Achromatomaly
8BB689

CSS Examples

Text

The CSS property to change the color of the text to Hex 5ED65A 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 #5ED65A looks like.

```
.text, #text, p{  
    color:#5ED65A  
}
```

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 #5ED65A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5ED65A
}
```

Border

The CSS property to change the border of an element to Hex 5ED65A 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
#5ED65A }
```

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

```
.border{ border-color:#5ED65A }
```

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

Here you see how a box with a 4 pixel #5ED65A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5ED65A; -webkit-box-shadow:4px 4px  
4px 4px #5ED65A; box-shadow:4px 4px 4px  
4px #5ED65A }
```

Background

The CSS property to change the background color of an element to Hex 5ED65A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5ED65A }
```

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

```
.background{ background-color:#5ED65A }
```

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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