

Converting Colors

Hex(5EB763)

Have a look what the booklet for
Hex(5EB763) contains.

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Color

Hex(5EB763)

Conversions

Conversions Part 1

Format	Color
Hex	5EB763
RGB	94, 183, 99
RGB Percent	37%, 72%, 39%
CMY	0.6314, 0.2824, 0.6118
CMYK	0.49, 0.00, 0.46, 0.28
HSL	123°, 38%, 54%
HSV	123°, 49%, 72%
XYZ	23.8017, 37.1475, 17.7201
YIQ	146.8130, -26.0800, -44.9920

Conversions

Conversions Part 2

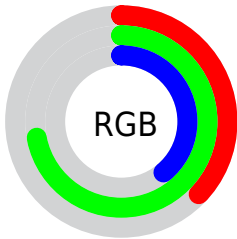
Format	Color
RYB	94, 178, 183
Decimal	6207331
CIELab	67.39, -44.27, 34.58
CIElCh	67, 56.175, 142.009
Yxy	37.1475, 0.3026, 0.4722
Android (android.graphics.Color)	4284397411 (0xFF5EB763)
YUV	146.8130, -23.5718, -46.3170
Hunter-Lab	60.9488, -36.9525, 25.4263

Details

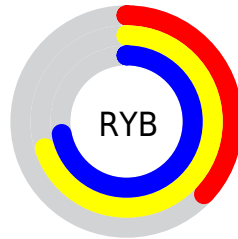
The Hex color **5EB763** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B75EB2**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **96F097**, and **238132** is the 20% darker color. If you saturate the color by 10%, you get **4CB752**, and if you desaturate by 10%, it is **70B774**.

Distribution



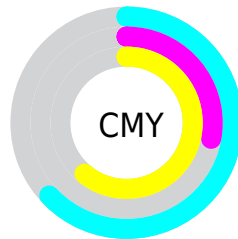
- Red (37%)
- Green (72%)
- Blue (39%)



- Red (37%)
- Yellow (70%)
- Blue (72%)



- Cyan (49%)
- Magenta (0%)
- Yellow (46%)
- Black (28%)



- Cyan (63%)
- Magenta (28%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EB763 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 5EB763 by changing the saturation by 10% instead.

 5EB763

 5EB763

FFFFFF

 429C4A

 96F097

 238132

 B2FFB2

 00671A

 CFFFCE

 004E00

 ECFFEA

 003600

 002100

 000000

 5EB763

 5EB763

 4CB752

 70B774

 39B740

 83B786

 27B72F

 95B797

 15B71E

 A7B7A8

 02B70D

 BAB7B9

 00B70A

 CCB7CB

 DEB7DC

 F0B7ED

 FFB7FE

Harmonies

Analogous

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



9CAD40



5EB763



00BC94

Triad

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



5EB763



00AEFF



FF7A81

Complementary

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



5EB763



B75EB2

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.



FA79B4



5EB763



8F9CFF

Square

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



5EB763



00B8F3



D587E3



F08955

Rectangle

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



5EB763



00BDB8



D587E3



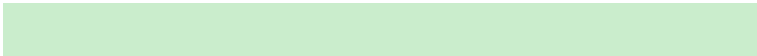
FF7792

Sweetspot

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



5EB763



CAEDCC



B3B75E



627863



F7F7F7



787878

Same Dimension

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



5EB763



64ED6B



5EB78F



535C53



009C09



001C02

Inverse Universe

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



B75EB2



ED64E5



B75E86



5C535B



9C0093



1C001A

Previews

White Background



This preview shows how the Hex color 5EB763 looks on a white background.

Color Contrast Check

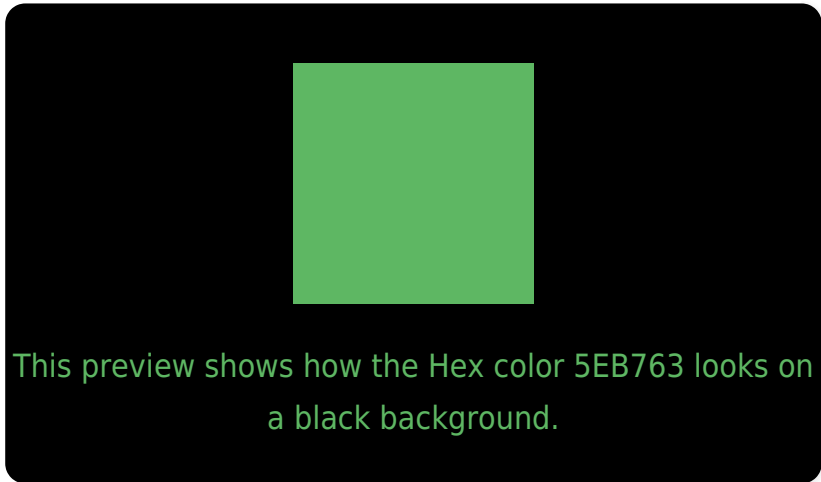
Large Text (above 18pt) WCAG AA × Fail

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 5EB763 Background



This preview shows how black text looks on a background with the Hex color 5EB763.

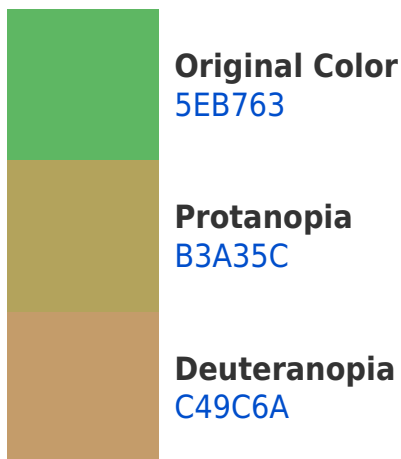


This preview shows how white text looks on a background with the Hex color 5EB763.

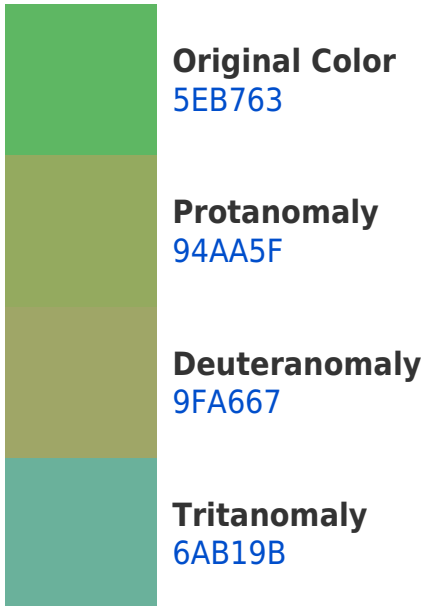
Color Blindness Simulation

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](#).

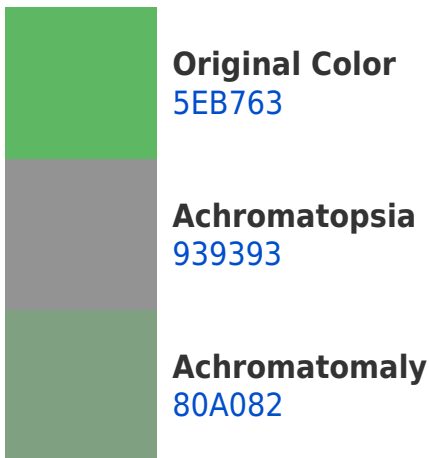
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5EB763 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 #5EB763 looks like.

```
.text, #text, p{  
    color:#5EB763  
}
```

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 #5EB763 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EB763
}
```

Border

The CSS property to change the border of an element to Hex 5EB763 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
#5EB763 }
```

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

```
.border{ border-color:#5EB763 }
```

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

Here you see how a box with a 4 pixel #5EB763 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EB763; -webkit-box-shadow:4px 4px  
4px 4px #5EB763; box-shadow:4px 4px 4px  
4px #5EB763 }
```

Background

The CSS property to change the background color of an element to Hex 5EB763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EB763 }
```

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

```
.background{ background-color:#5EB763 }
```

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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