

# Converting Colors

Hex(5EDB60)

Have a look what the booklet for  
Hex(5EDB60) contains.

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**Color**

**Hex(5EDB60)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5EDB60
RGB	94, 219, 96
RGB Percent	37%, 86%, 38%
CMY	0.6314, 0.1412, 0.6235
CMYK	0.57, 0.00, 0.56, 0.14
HSL	121°, 63%, 61%
HSV	121°, 57%, 86%
XYZ	32.0589, 53.8872, 19.7779
YIQ	167.6030, -35.0170, -64.7530

# Conversions

## Conversions Part 2

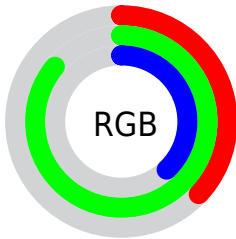
Format	Color
<a href="#">RYB</a>	<a href="#">94, 217, 219</a>
Decimal	<a href="#">6216544</a>
CIELab	<a href="#">78.40, -58.83, 49.48</a>
CIELCh	<a href="#">78, 76.875, 139.931</a>
Yxy	<a href="#">53.8872, 0.3032, 0.5097</a>
Android (android.graphics.Color)	<a href="#">4284406624</a> ( <a href="#">0xFF5EDB60</a> )
YUV	<a href="#">167.6030, -35.3003, -64.5498</a>
Hunter-Lab	<a href="#">73.4079, -50.5088, 35.4113</a>

# Details

The Hex color **5EDB60** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **DB5ED9**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **9AFF96**, and **0CA32B** is the 20% darker color. If you saturate the color by 10%, you get **48DB4A**, and if you desaturate by 10%, it is **74DB76**.

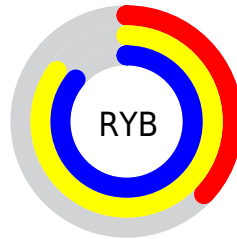
# Distribution



Red (37%)

Green (86%)

Blue (38%)



Red (37%)

Yellow (85%)

Blue (86%)

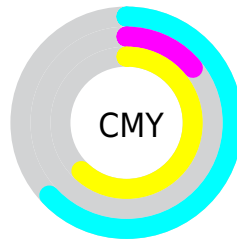


Cyan (57%)

Magenta (0%)

Yellow (56%)

Black (14%)



Cyan (63%)

Magenta (14%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5EDB60 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 5EDB60 by changing the saturation by 10% instead.



 5EDB60

 5EDB60

FFFFFF

 3DBF46

 9AFF96

 0CA32B

 B8FFB1

 00880A

 D6FFCD

 006D00

 F4FFEA

 005400

 003B00

 002400

 000000

 5EDB60

 5EDB60

 48DB4A

 74DB76

 32DB35

 8ADB8B

 1CDB1F

 A0DBA1

 06DB0A

 B6DBB6

 00DB04

 CCDBCC

 E1DBE1

 F7DBF7

 FFDBFF

# Harmonies

## Analogous

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



B8CD27



5EDB60



00E2A7

# Triad

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



5EDB60



00D1FF



FF8096

# Complementary

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



5EDB60



DB5ED9

# 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.



FF7FDD



5EDB60



93B9FF

# Square

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



5EDB60



00DFFF



FF99FF



FF9955

# Rectangle

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



5EDB60



00E4D8



FF99FF



FF7CAD

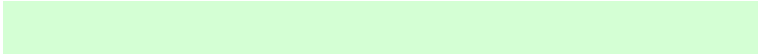


# Sweetspot

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



5EDB60



D4FFD4



DBDB5E



668066



000000



808080



# Same Dimension

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



5EDB60



52FF54



5EDB9D



636E63



00AD03



002E01



# Inverse Universe

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



DB5ED9



FF52FC



DB5E9D



6E636D



AD00AB

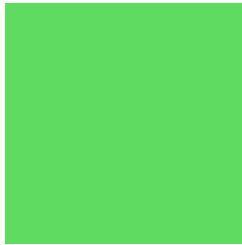


2E002D



# Previews

## White Background



This preview shows how the Hex color 5EDB60 looks on a white background.

## Color Contrast Check

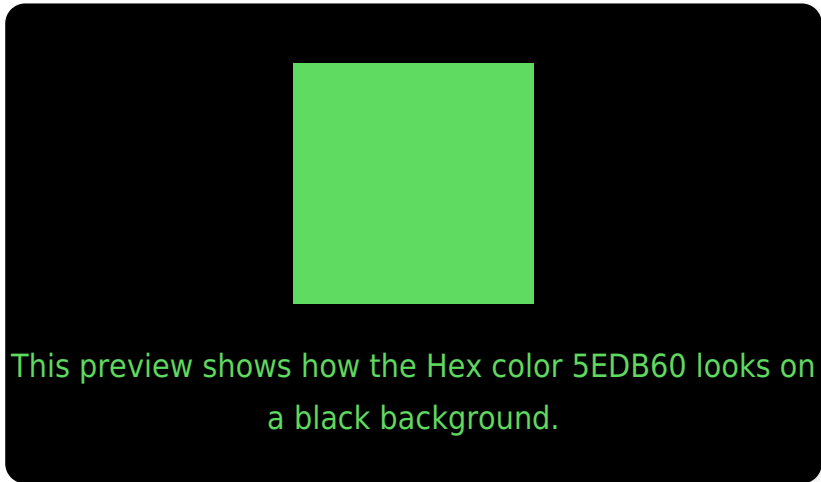
Large Text (above 18pt) WCAG AA × Fail

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

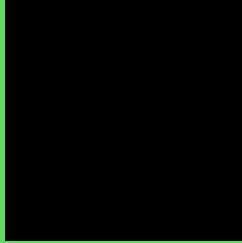
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5EDB60 Background



This preview shows how black text looks on a background with the Hex color 5EDB60.

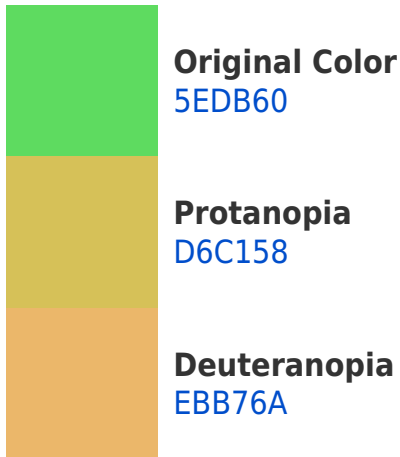


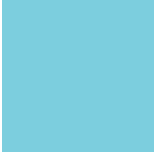
This preview shows how white text looks on a background with the Hex color 5EDB60.

# Color Blindness Simulation

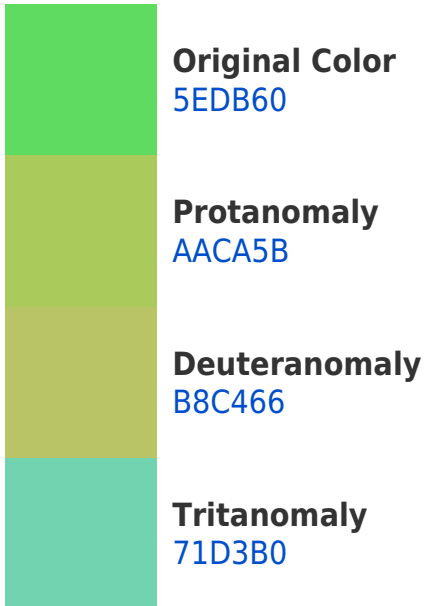
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

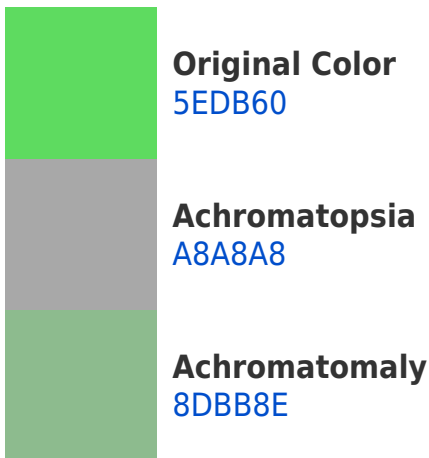




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5EDB60 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 #5EDB60 looks like.

```
.text, #text, p{  
    color:#5EDB60  
}
```

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 #5EDB60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EDB60
}
```

## Border

The CSS property to change the border of an element to Hex 5EDB60 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
#5EDB60 }
```

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

```
.border{ border-color:#5EDB60 }
```

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

Here you see how a box with a 4 pixel #5EDB60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EDB60; -webkit-box-shadow:4px 4px  
4px 4px #5EDB60; box-shadow:4px 4px 4px  
4px #5EDB60 }
```

# Background

The CSS property to change the background color of an element to Hex 5EDB60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EDB60 }
```

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

```
.background{ background-color:#5EDB60 }
```

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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