

# Converting Colors

Hex(5BE06A)

Have a look what the booklet for  
Hex(5BE06A) contains.

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**Color**

**Hex(5BE06A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5BE06A
RGB	91, 224, 106
RGB Percent	36%, 88%, 42%
CMY	0.6431, 0.1216, 0.5843
CMYK	0.59, 0.00, 0.53, 0.12
HSL	127°, 68%, 62%
HSV	127°, 59%, 88%
XYZ	33.5716, 56.5761, 22.7865
YIQ	170.7810, -41.3900, -64.8940

# Conversions

## Conversions Part 2

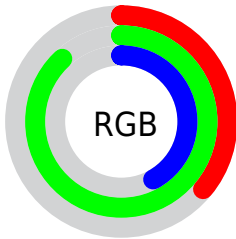
Format	Color
<a href="#">RYB</a>	<a href="#">91, 211, 224</a>
Decimal	<a href="#">6021226</a>
CIELab	<a href="#">79.94, -60.10, 46.67</a>
CIElCh	<a href="#">80, 76.093, 142.166</a>
Yxy	<a href="#">56.5761, 0.2973, 0.5010</a>
Android (android.graphics.Color)	<a href="#">4284211306 (0xFF5BE06A)</a>
YUV	<a href="#">170.7810, -31.9370, -69.9679</a>
Hunter-Lab	<a href="#">75.2171, -51.9601, 34.6904</a>

# Details

The Hex color **5BE06A** 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 **E05BD1**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **98FFA0**, and **00A836** is the 20% darker color. If you saturate the color by 10%, you get **45E056**, and if you desaturate by 10%, it is **71E07E**.

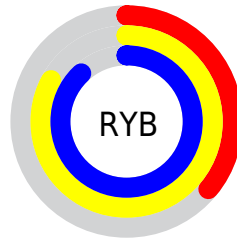
# Distribution



Red (36%)

Green (88%)

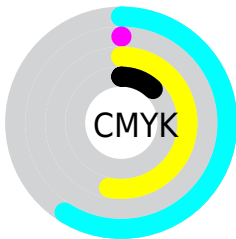
Blue (42%)



Red (36%)

Yellow (83%)

Blue (88%)

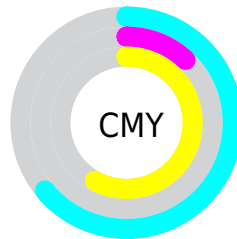


Cyan (59%)

Magenta (0%)

Yellow (53%)

Black (12%)



Cyan (64%)

Magenta (12%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5BE06A 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 5BE06A by changing the saturation by 10% instead.



 5BE06A

 5BE06A

FFFFFF

 39C350

 98FFA0

 00A836

 B6FFBB

 008C1A

 D4FFD8

 007200

 F3FFF5

 005800

 003F00

 002800

 000000

 5BE06A

 5BE06A

 45E056

 71E07E

 2EE042

 88E092

 18E02E

 9EE0A6

 01E01B

 B5E0B9

 00E019

 CBE0CD

 E1E0E1

 F8E0F5

 FFE0FF

# Harmonies

## Analogous

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



B8D232



5BE06A



00E7B1

# Triad

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



5BE06A



00D4FF



FF8795

# Complementary

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



5BE06A



E05BD1

# 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.



FF84DC



5BE06A



A4BBFF

# Square

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



5BE06A



00E2FF



FF9CFF



FFA056

# Rectangle

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



5BE06A



00E8E2



FF9CFF



FF82AC

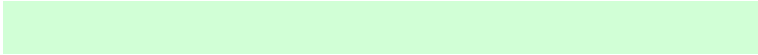


# Sweetspot

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



5BE06A



D1FFD6



D3E05B



638067



000000



808080



# Same Dimension

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



5BE06A



4AFF5E



5BE0AB



657066



00B014



003005



# Inverse Universe

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



E05BD1



FF4AEB



E05B90



70656F



B0009C

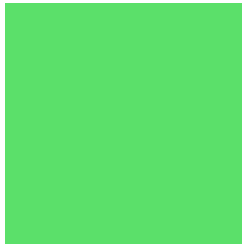


30002B



# Previews

## White Background



This preview shows how the Hex color 5BE06A 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 5BE06A looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

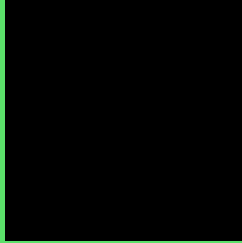
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5BE06A Background



This preview shows how black text looks on a background with the Hex color 5BE06A.

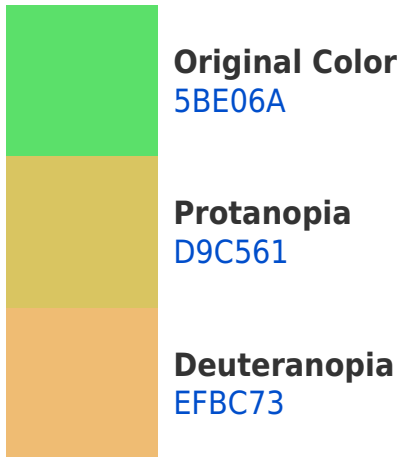


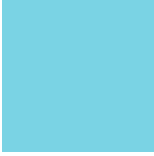
This preview shows how white text looks on a background with the Hex color 5BE06A.

# 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**  
7AD3E4

# Trichromacy



**Original Color**  
5BE06A



**Protanomaly**  
ABCF64



**Deuteranomaly**  
B9C970



**Tritanomaly**  
6FD8B8

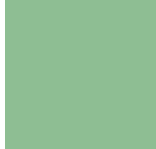
# Monochromacy



**Original Color**  
5BE06A



**Achromatopsia**  
ABABAB



**Achromatomaly**  
8EBE93

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5BE06A 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 #5BE06A looks like.

```
.text, #text, p{  
    color:#5BE06A  
}
```

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 #5BE06A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BE06A
}
```

## Border

The CSS property to change the border of an element to Hex 5BE06A 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
#5BE06A }
```

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

```
.border{ border-color:#5BE06A }
```

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

Here you see how a box with a 4 pixel #5BE06A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BE06A; -webkit-box-shadow:4px 4px  
4px 4px #5BE06A; box-shadow:4px 4px 4px  
4px #5BE06A }
```

# Background

The CSS property to change the background color of an element to Hex 5BE06A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BE06A }
```

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

```
.background{ background-color:#5BE06A }
```

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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