

Converting Colors

Hex(5BBB65)

Have a look what the booklet for
Hex(5BBB65) contains.

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Color

Hex(5BBB65)

Conversions

Conversions Part 1

Format	Color
Hex	5BBB65
RGB	91, 187, 101
RGB Percent	36%, 73%, 40%
CMY	0.6431, 0.2667, 0.6039
CMYK	0.51, 0.00, 0.46, 0.27
HSL	126°, 41%, 55%
HSV	126°, 51%, 73%
XYZ	24.4337, 38.7044, 18.4948
YIQ	148.4920, -29.6100, -47.0980

Conversions

Conversions Part 2

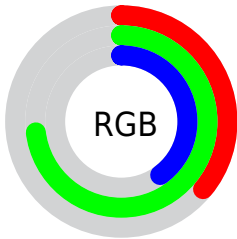
Format	Color
RYB	91, 178, 187
Decimal	6011749
CIELab	68.54, -46.46, 34.99
CIELCh	69, 58.162, 143.016
Yxy	38.7044, 0.2993, 0.4741
Android (android.graphics.Color)	4284201829 (0xFF5BBB65)
YUV	148.4920, -23.4136, -50.4205
Hunter-Lab	62.2128, -38.7678, 25.9231

Details

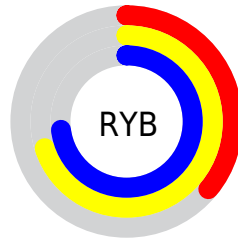
The Hex color **5BBB65** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **BB5BB1**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **93F499**, and **1C8534** is the 20% darker color. If you saturate the color by 10%, you get **48BB54**, and if you desaturate by 10%, it is **6EBB76**.

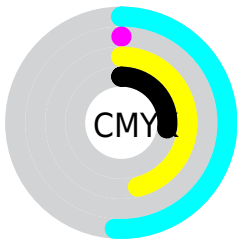
Distribution



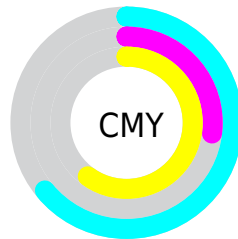
- Red (36%)
- Green (73%)
- Blue (40%)



- Red (36%)
- Yellow (70%)
- Blue (73%)



- Cyan (51%)
- Magenta (0%)
- Yellow (46%)
- Black (27%)



- Cyan (64%)
- Magenta (27%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BBB65 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 5BBB65 by changing the saturation by 10% instead.

 5BBB65

 5BBB65

FFFFFF

 3EA04C

 93F499

 1C8534

 B0FFB4

 006B1B

 CDFFD0

 005201

 EAFFED

 003900

 002400

 000000

 5BBB65

 5BBB65

 48BB54

 6EBB76

 36BB43

 80BB87

 23BB33

 93BB97

 10BB22

 A6BBA8

 00BB13

 B9BBB9

 CBBBCA

 DEBBDA

 F1BBEB

 FFBBFC

Harmonies

Analogous

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



9CB040



5BBB65



00C099

Triad

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



5BBB65



00B1FF



FF7B81

Complementary

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



5BBB65



BB5BB1

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.



FF79B6



5BBB65



949EFF

Square

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



5BBB65



00BCFA



DC89E7



F48C54

Rectangle

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



5BBB65



00C1BD



DC89E7



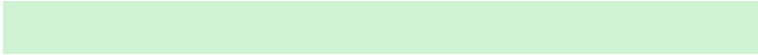
FF7892

Sweetspot

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



5BBB65



CEF2D2



B1BB5B



647A67



FAFAFA



7A7A7A

Same Dimension

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



5BBB65



5CF26C



5BBB95



555E56



009E10



001F03

Inverse Universe

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



BB5BB1



F25CE3



BB5B81



5E555D



9E008E



1F001B

Previews

White Background



This preview shows how the Hex color 5BBB65 looks on a white background.

Color Contrast Check

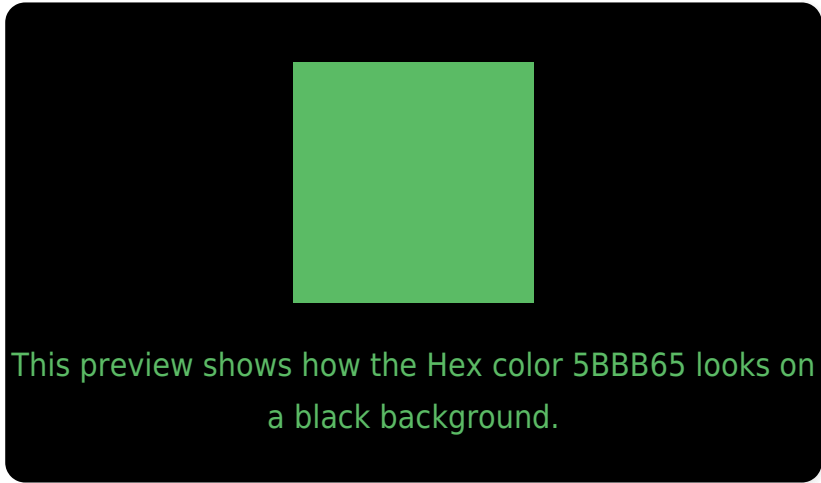
Large Text (above 18pt) WCAG AA × Fail

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

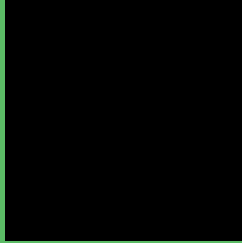
Any Text WCAG AA ✓ Pass

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 5BBB65 Background



This preview shows how black text looks on a background with the Hex color 5BBB65.

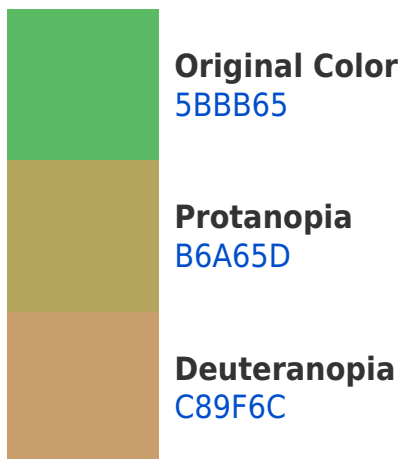


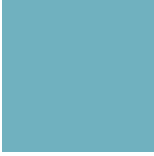
This preview shows how white text looks on a background with the Hex color 5BBB65.

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
70B1BF

Trichromacy



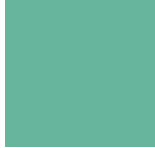
Original Color
5BBB65



Protanomaly
95AE60



Deuteranomaly
A0A969



Tritanomaly
68B59E

Monochromacy



Original Color
5BBB65



Achromatopsia
949494



Achromatomaly
7FA283

CSS Examples

Text

The CSS property to change the color of the text to Hex 5BBB65 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 #5BBB65 looks like.

```
.text, #text, p{  
    color:#5BBB65  
}
```

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 #5BBB65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BBB65
}
```

Border

The CSS property to change the border of an element to Hex 5BBB65 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
#5BBB65 }
```

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

```
.border{ border-color:#5BBB65 }
```

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

Here you see how a box with a 4 pixel #5BBB65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BBB65; -webkit-box-shadow:4px 4px  
4px 4px #5BBB65; box-shadow:4px 4px 4px  
4px #5BBB65 }
```

Background

The CSS property to change the background color of an element to Hex 5BBB65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BBB65 }
```

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

```
.background{ background-color:#5BBB65 }
```

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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