

Converting Colors

Hex(5BB006)

Have a look what the booklet for
Hex(5BB006) contains.

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Color

Hex(5BB006)

Conversions

Conversions Part 1

Format	Color
Hex	5BB006
RGB	91, 176, 6
RGB Percent	36%, 69%, 2%
CMY	0.6431, 0.3098, 0.9765
CMYK	0.48, 0.00, 0.97, 0.31
HSL	90°, 93%, 36%
HSV	90°, 97%, 69%
XYZ	19.8726, 33.2880, 5.5501
YIQ	131.2050, 3.9100, -70.8900

Conversions

Conversions Part 2

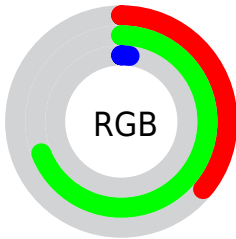
Format	Color
RYB	6, 176, 91
Decimal	6008838
CIELab	64.39, -49.76, 64.45
CIELCh	64, 81.427, 127.670
Yxy	33.2880, 0.3385, 0.5670
Android (android.graphics.Color)	4284198918 (0xFF5BB006)
YUV	131.2050, -61.7261, -35.2598
Hunter-Lab	57.6957, -39.4854, 34.6835

Details

The Hex color **5BB006** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **5B06B0**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **95E84E**, and **187A00** is the 20% darker color. If you saturate the color by 10%, you get **58B000**, and if you desaturate by 10%, it is **64B018**.

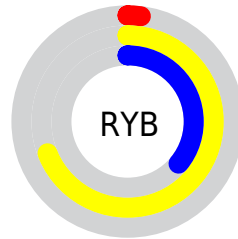
Distribution



Red (36%)

Green (69%)

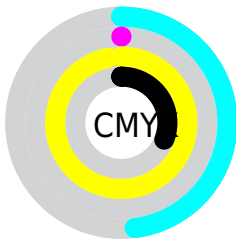
Blue (2%)



Red (2%)

Yellow (69%)

Blue (36%)

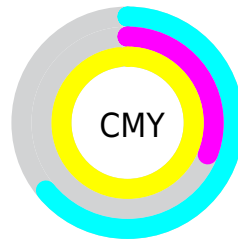


Cyan (48%)

Magenta (0%)

Yellow (97%)

Black (31%)



Cyan (64%)

Magenta (31%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BB006 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 5BB006 by changing the saturation by 10% instead.

 5BB006

 5BB006

FFFFFF

 3D9500

 95E84E

 187A00

 B2FF6A

 006100

 CFFF86

 004800

 EDFFA2

 003100

 FFFFBE

 001800

 FFFFDB

 000000

 FFFFF9

 5BB006

 5BB006

■ 58B000

■ 64B018

■ 6DB029

■ 75B03B

■ 7EB04C

■ 87B05E

■ 90B070

■ 99B081

■ A1B093

■ AAB0A4

Harmonies

Analogous

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



AB9F00



5BB006



00B961

Triad

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



5BB006



00B3FF



FF468D

Complementary

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



5BB006



5B06B0

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.



FF59D5



5BB006



009FFF

Square

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



5BB006



00BBF4



B37FFF



FF6047

Rectangle

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



5BB006



00BC94



B37FFF



FF47A5

Sweetspot

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



5BB006



C4E6A3



B05B06



5F734B



F2F2F2



737373

Same Dimension

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



5BB006



73E600



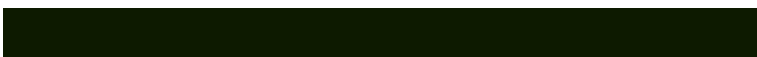
06B006



555950



4D9900



0D1A00

Inverse Universe

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



5B06B0



7300E6



B006B0



555059



4D0099



0D001A

Previews

White Background



This preview shows how the Hex color 5BB006 looks on a white background.

Color Contrast Check

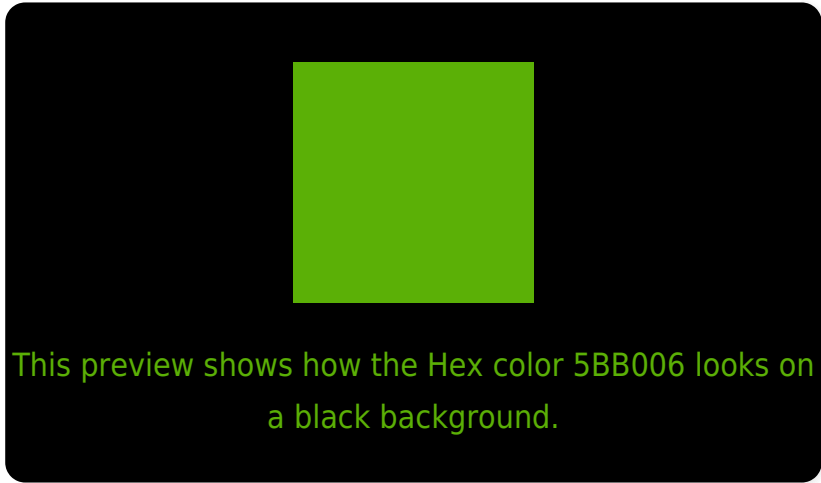
Large Text (above 18pt) WCAG AA × Fail

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 5BB006 Background



This preview shows how black text looks on a background with the Hex color 5BB006.

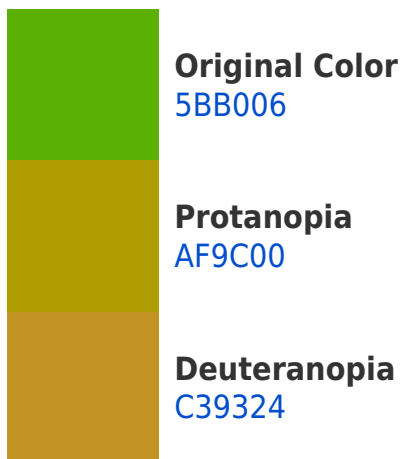


This preview shows how white text looks on a background with the Hex color 5BB006.

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](#).

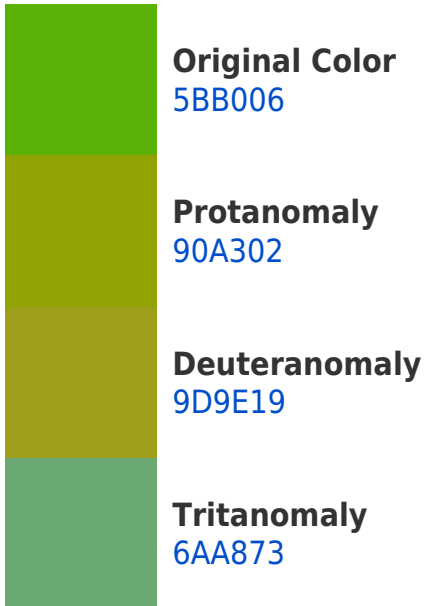
Dichromacy





Tritanopia
72A4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5BB006 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 #5BB006 looks like.

```
.text, #text, p{  
    color:#5BB006  
}
```

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 #5BB006 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BB006
}
```

Border

The CSS property to change the border of an element to Hex 5BB006 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".

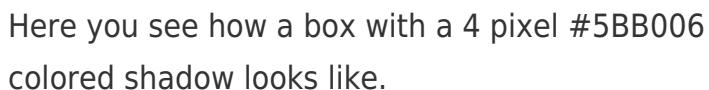
```
.border, #border, table{ border:4px solid
#5BB006 }
```

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

```
.border{ border-color:#5BB006 }
```

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

Here you see how a box with a 4 pixel #5BB006 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BB006; -webkit-box-shadow:4px 4px  
4px 4px #5BB006; box-shadow:4px 4px 4px  
4px #5BB006 }
```

Background

The CSS property to change the background color of an element to Hex 5BB006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BB006 }
```

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

```
.background{ background-color:#5BB006 }
```

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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