

Converting Colors

Hex(5BB476)

Have a look what the booklet for
Hex(5BB476) contains.

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Color

Hex(5BB476)

Conversions

Conversions Part 1

Format	Color
Hex	5BB476
RGB	91, 180, 118
RGB Percent	36%, 71%, 46%
CMY	0.6431, 0.2941, 0.5373
CMYK	0.49, 0.00, 0.34, 0.29
HSL	138°, 37%, 53%
HSV	138°, 49%, 71%
XYZ	23.9057, 36.1747, 22.8620
YIQ	146.3210, -33.1420, -38.1500

Conversions

Conversions Part 2

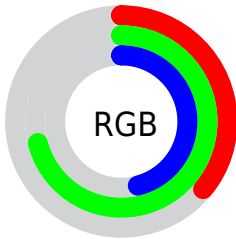
Format	Color
RYB	91, 159, 180
Decimal	6009974
CIELab	66.65, -40.65, 23.63
CIELCh	67, 47.020, 149.827
Yxy	36.1747, 0.2882, 0.4361
Android (android.graphics.Color)	4284200054 (0xFF5BB476)
YUV	146.3210, -13.9623, -48.5165
Hunter-Lab	60.1454, -34.3070, 19.5649

Details

The Hex color **5BB476** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B45B99**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **92ECAB**, and **207E45** is the 20% darker color. If you saturate the color by 10%, you get **49B469**, and if you desaturate by 10%, it is **6DB483**.

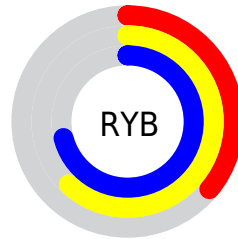
Distribution



Red (36%)

Green (71%)

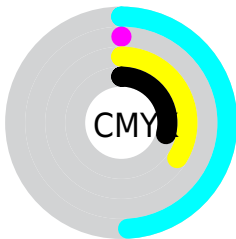
Blue (46%)



Red (36%)

Yellow (62%)

Blue (71%)

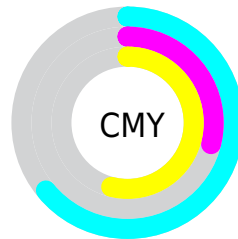


Cyan (49%)

Magenta (0%)

Yellow (34%)

Black (29%)



Cyan (64%)

Magenta (29%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BB476 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 5BB476 by changing the saturation by 10% instead.

 5BB476

 5BB476

FFFFFF

 3F995D

 92ECAB

 207E45

 AEFFC6

 00652E

 CBFFE2

 004C18

 E8FFFF

 003400

 001F00

 000000

 5BB476

 5BB476

 49B469

 6DB483

 37B45D

 7FB48F

 25B450

 91B49C

 13B444

 A3B4A8

 01B437

 B5B4B5

 00B437

 C7B4C1

 D9B4CE

 EBB4DA

 FDB4E7

Harmonies

Analogous

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



91AC56



5BB476



00B8A0

Triad

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



5BB476



57A7F6



F0837A

Complementary

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



5BB476



B45B99

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.



EF7FA4



5BB476



A597EC

Square

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



5BB476



00B1EA



D687CD



DD905A

Rectangle

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



5BB476



00B8BD



D687CD



F28088

Sweetspot

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



5BB476



C7EBD2



99B45B



607567



F5F5F5



757575

Same Dimension

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



5BB476



60EB8A



5BB4A2



505953



00992E



001A08

Inverse Universe

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



B45B99



EB60C1



B45B6D



595057



99006B



1A0012

Previews

White Background



This preview shows how the Hex color 5BB476 looks on a white background.

Color Contrast Check

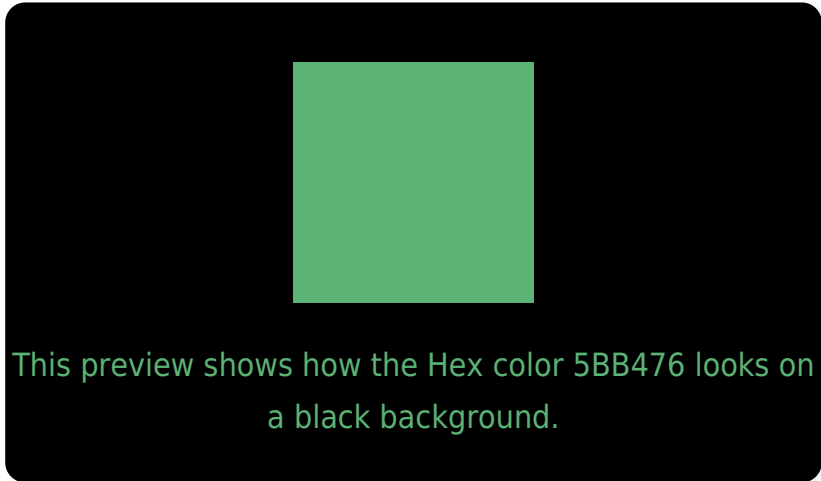
Large Text (above 18pt) WCAG AA × Fail

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

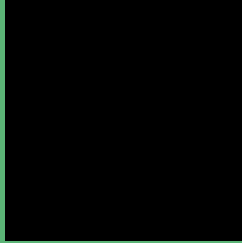
Any Text WCAG AA ✓ Pass

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 5BB476 Background



This preview shows how black text looks on a background with the Hex color 5BB476.

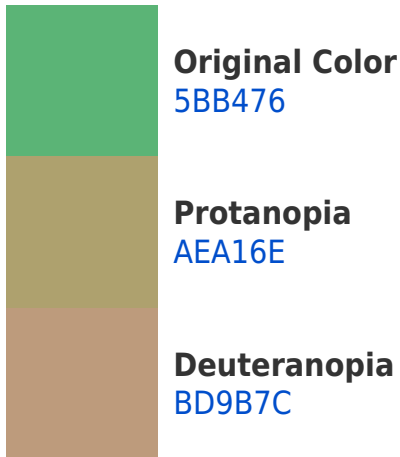


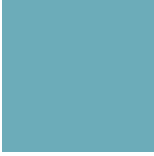
This preview shows how white text looks on a background with the Hex color 5BB476.

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](#).

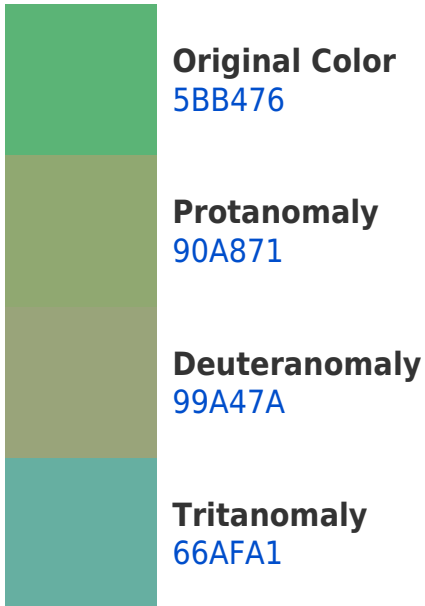
Dichromacy





Tritanopia
6CACB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5BB476 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 #5BB476 looks like.

```
.text, #text, p{  
    color:#5BB476  
}
```

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 #5BB476 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BB476
}
```

Border

The CSS property to change the border of an element to Hex 5BB476 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
#5BB476 }
```

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

```
.border{ border-color:#5BB476 }
```

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

Here you see how a box with a 4 pixel #5BB476 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BB476; -webkit-box-shadow:4px 4px  
4px 4px #5BB476; box-shadow:4px 4px 4px  
4px #5BB476 }
```

Background

The CSS property to change the background color of an element to Hex 5BB476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BB476 }
```

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

```
.background{ background-color:#5BB476 }
```

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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