

Converting Colors

Hex(B5CF5B)

Have a look what the booklet for
Hex(B5CF5B) contains.

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Color

Hex(B5CF5B)

Conversions

Conversions Part 1

Format	Color
Hex	B5CF5B
RGB	181, 207, 91
RGB Percent	71%, 81%, 36%
CMY	0.2902, 0.1882, 0.6431
CMYK	0.13, 0.00, 0.56, 0.19
HSL	73°, 55%, 58%
HSV	73°, 56%, 81%
XYZ	43.2572, 55.2047, 18.2732
YIQ	186.0020, 21.7400, -41.5880

Conversions

Conversions Part 2

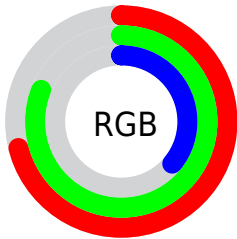
Format	Color
RYB	91, 207, 117
Decimal	11915099
CIELab	79.16, -25.57, 53.75
CIELCh	79, 59.520, 115.440
Yxy	55.2047, 0.3706, 0.4729
Android (android.graphics.Color)	4290105179 (0xFFB5CF5B)
YUV	186.0020, -46.8360, -4.3868
Hunter-Lab	74.2999, -26.1026, 37.4282

Details

The Hex color **B5CF5B** is a light color, and the websafe version is hex **99CC66**. The color can be described as light muted chartreuse. A complement of this color would be **755BCF**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **FFFF91**, and **7E9925** is the 20% darker color. If you saturate the color by 10%, you get **B0CF46**, and if you desaturate by 10%, it is **BACF70**.

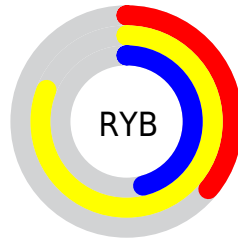
Distribution



Red (71%)

Green (81%)

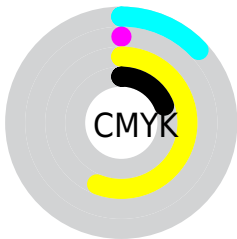
Blue (36%)



Red (36%)

Yellow (81%)

Blue (46%)

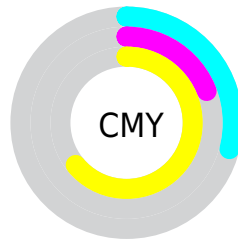


Cyan (13%)

Magenta (0%)

Yellow (56%)

Black (19%)



Cyan (29%)

Magenta (19%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5CF5B 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 B5CF5B by changing the saturation by 10% instead.

 B5CF5B

 B5CF5B

FFFFFF

 99B341

 EFFF91

 7E9925

 FFFFAC


 637F00

 FFFFC8

 486600

 FFFF E5

 2F4D00

 133600

 002200

 000000

 B5CF5B

 B5CF5B

 B0CF46

 BACF70

 ACCF32

 BECF84

 A7CF1D

 C3CF99

 A2CF08

 C8CFAE

 A1CF00

 CCCFC3

 D1CFD7

 D5CFEC

 DACFFF

 DFCFFF

Harmonies

Analogous

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



EBBE51



B5CF5B



70DA83

Triad

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



B5CF5B



00D9FF



FF95CF

Complementary

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



B5CF5B



755BCF

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.



FFA3FF



B5CF5B



36CDFF

Square

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



B5CF5B



00DFF2



BAB9FF



FF9898

Rectangle

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



B5CF5B



12DEA6



BAB9FF



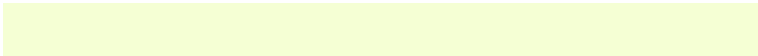
FF98E1

Sweetspot

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



B5CF5B



F5FFD4



CF745B



7A8066



000000



808080

Same Dimension

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



B5CF5B



D9FF54



7CCF5B



66695E



83A800



202900

Inverse Universe

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



755BCF



7A54FF



AE5BCF



605E69



2600A8



090029

Previews

White Background



This preview shows how the Hex color B5CF5B looks on a white background.

Color Contrast Check

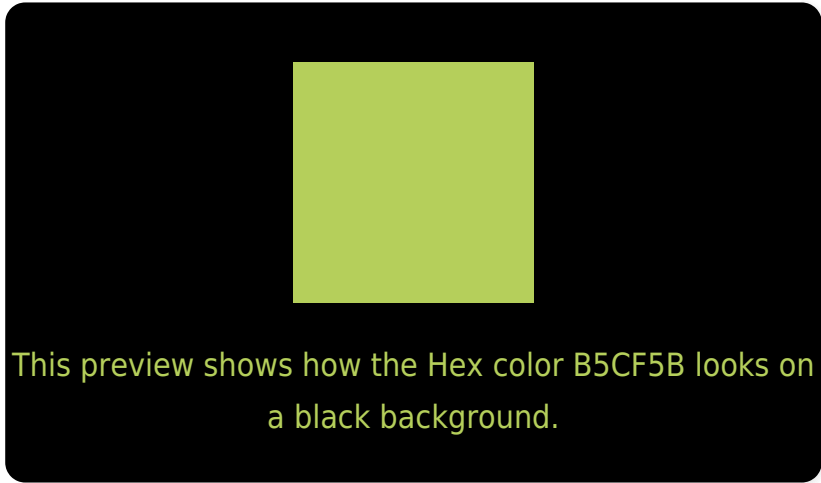
Large Text (above 18pt) WCAG AA × Fail

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 B5CF5B Background



This preview shows how black text looks on a background with the Hex color B5CF5B.

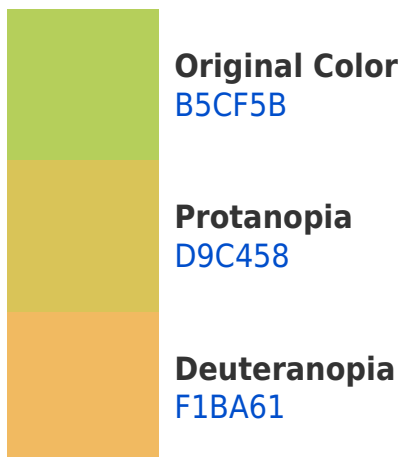


This preview shows how white text looks on a background with the Hex color B5CF5B.

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](#).

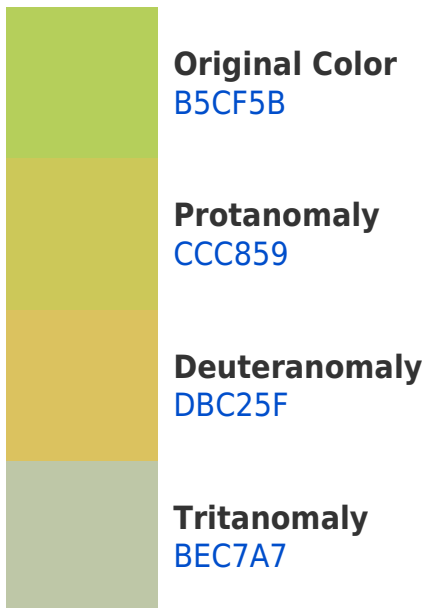
Dichromacy





Tritanopia
C3C2D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B5CF5B 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 #B5CF5B looks like.

```
.text, #text, p{  
    color:#B5CF5B  
}
```

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 #B5CF5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5CF5B
}
```

Border

The CSS property to change the border of an element to Hex B5CF5B 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
#B5CF5B }
```

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

```
.border{ border-color:#B5CF5B }
```

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

Here you see how a box with a 4 pixel #B5CF5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5CF5B; -webkit-box-shadow:4px 4px  
4px 4px #B5CF5B; box-shadow:4px 4px 4px  
4px #B5CF5B }
```

Background

The CSS property to change the background color of an element to Hex B5CF5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5CF5B }
```

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

```
.background{ background-color:#B5CF5B }
```

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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