

# Converting Colors

Hex(B6CF5F)

Have a look what the booklet for  
Hex(B6CF5F) contains.

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# **Color**

**Hex(B6CF5F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B6CF5F
RGB	182, 207, 95
RGB Percent	71%, 81%, 37%
CMY	0.2863, 0.1882, 0.6275
CMYK	0.12, 0.00, 0.54, 0.19
HSL	73°, 54%, 59%
HSV	73°, 54%, 81%
XYZ	43.6698, 55.3970, 19.2175
YIQ	186.7570, 21.0520, -40.1320

# Conversions

## Conversions Part 2

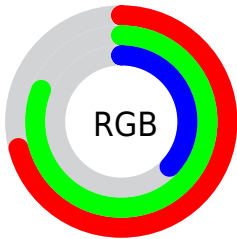
<b>Format</b>	<b>Color</b>
<b>RYB</b>	95, 207, 120
Decimal	11980639
CIELab	79.27, -24.82, 52.07
CIELCh	79, 57.685, 115.489
Yxy	55.3970, 0.3692, 0.4683
Android (android.graphics.Color)	4290170719 (0xFFB6CF5F)
YUV	186.7570, -45.2362, -4.1719
Hunter-Lab	74.4291, -25.5197, 36.7918

# Details

The Hex color **B6CF5F** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted chartreuse. A complement of this color would be **785FCF**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **F0FF94**, and **7F992A** is the 20% darker color. If you saturate the color by 10%, you get **B1CF4A**, and if you desaturate by 10%, it is **BBCF74**.

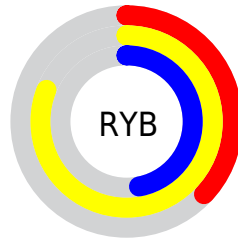
# Distribution



Red (71%)

Green (81%)

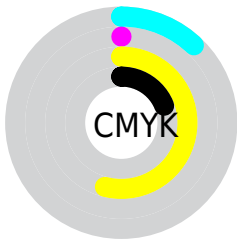
Blue (37%)



Red (37%)

Yellow (81%)

Blue (47%)

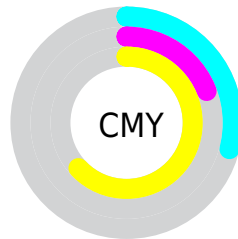


Cyan (12%)

Magenta (0%)

Yellow (54%)

Black (19%)



Cyan (29%)

Magenta (19%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B6CF5F 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 B6CF5F by changing the saturation by 10% instead.



 B6CF5F

 B6CF5F

FFFFFF

 9AB345

 F0FF94

 7F992A

 FFFFB0

 647F09

 FFFFCC

 4A6600

 FFFFEE9

 314D00

 153700

 002200

 000000

 B6CF5F

 B6CF5F

 B1CF4A

 BBCF74

 ADCF36

 BFCF88

 A8CF21

 C4CF9D

 A4CF0C

 C8CFB2

 A1CF00

 CDCFC7

 D2CFDB

 D6CFF0

 DBCFFF

 E0CFFF

# Harmonies

## Analogous

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



EBBF56



B6CF5F



74DA85

# Triad

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



B6CF5F



00D9FF



FF97CF

# Complementary

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



B6CF5F



785FCF

# 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.



FFA4FF



B6CF5F



45CDFF

# Square

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



B6CF5F



00DFF1



BBB9FF



FF9A99

# Rectangle

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



B6CF5F



28DEA8



BBB9FF



FF9AE1

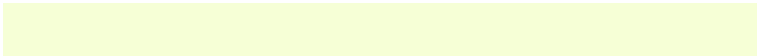


# Sweetspot

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



B6CF5F



F6FFD6



CF775F



7A8067



000000



808080



# Same Dimension

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



B6CF5F



DAFF59



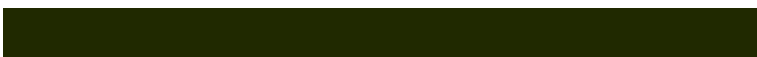
7FCF5F



66695E



83A800



202900



# Inverse Universe

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



785FCF



7E59FF



AF5FCF



605E69



2600A8



090029



# Previews

## White Background



This preview shows how the Hex color B6CF5F looks on a white background.

## Color Contrast Check

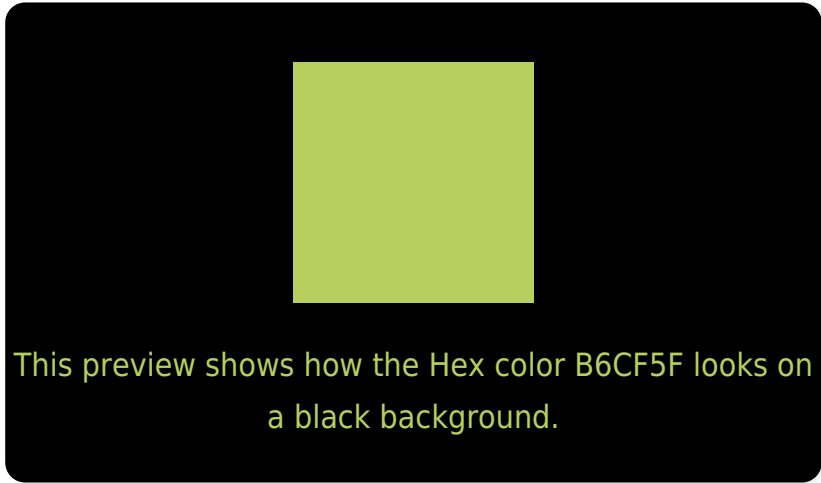
Large Text (above 18pt) WCAG AA × Fail

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 B6CF5F Background



This preview shows how black text looks on a background with the Hex color B6CF5F.

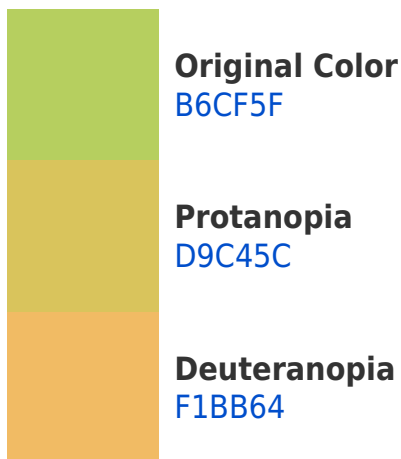


This preview shows how white text looks on a background with the Hex color B6CF5F.

# 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](#).

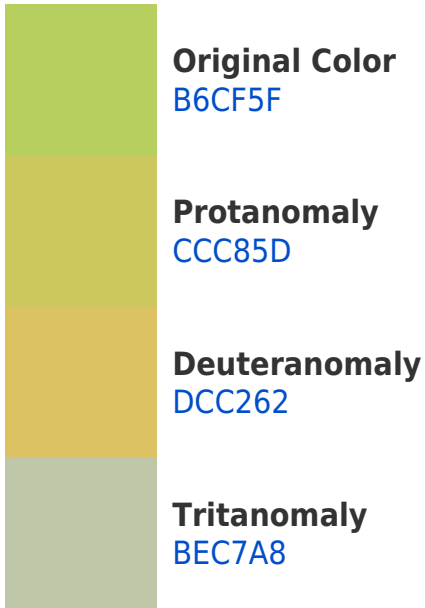
## Dichromacy





**Tritanopia**  
C3C3D2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B6CF5F 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 #B6CF5F looks like.

```
.text, #text, p{  
    color:#B6CF5F  
}
```

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 #B6CF5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6CF5F
}
```

## Border

The CSS property to change the border of an element to Hex B6CF5F 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
#B6CF5F }
```

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

```
.border{ border-color:#B6CF5F }
```

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

Here you see how a box with a 4 pixel #B6CF5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6CF5F; -webkit-box-shadow:4px 4px  
4px 4px #B6CF5F; box-shadow:4px 4px 4px  
4px #B6CF5F }
```

# Background

The CSS property to change the background color of an element to Hex B6CF5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6CF5F }
```

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

```
.background{ background-color:#B6CF5F }
```

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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