

# Converting Colors

Hex(B5CF63)

Have a look what the booklet for  
Hex(B5CF63) contains.

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**Color**

**Hex(B5CF63)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5CF63
RGB	181, 207, 99
RGB Percent	71%, 81%, 39%
CMY	0.2902, 0.1882, 0.6118
CMYK	0.13, 0.00, 0.52, 0.19
HSL	74°, 53%, 60%
HSV	74°, 52%, 81%
XYZ	43.6210, 55.3503, 20.1890
YIQ	186.9140, 19.1720, -39.1000

# Conversions

## Conversions Part 2

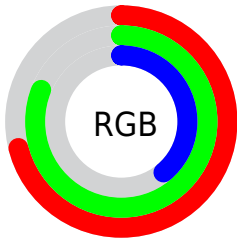
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 207, 125
Decimal	11915107
CIELab	79.24, -24.85, 50.17
CIELCh	79, 55.984, 116.355
Yxy	55.3503, 0.3661, 0.4645
Android (android.graphics.Color)	4290105187 (0xFFB5CF63)
YUV	186.9140, -43.3416, -5.1866
Hunter-Lab	74.3978, -25.5377, 35.9892

# Details

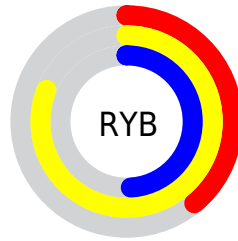
The Hex color **B5CF63** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **7D63CF**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **EFF98**, and **7E992F** is the 20% darker color. If you saturate the color by 10%, you get **B0CF4E**, and if you desaturate by 10%, it is **BACF78**.

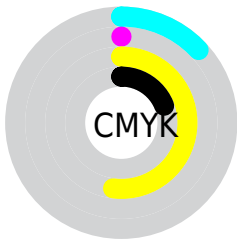
# Distribution



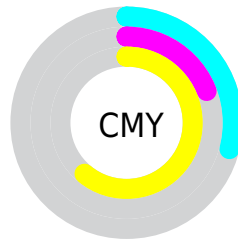
- Red (71%)
- Green (81%)
- Blue (39%)



- Red (39%)
- Yellow (81%)
- Blue (49%)



- Cyan (13%)
- Magenta (0%)
- Yellow (52%)
- Black (19%)



- Cyan (29%)
- Magenta (19%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5CF63 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 B5CF63 by changing the saturation by 10% instead.





B5CF63



B5CF63

FFFFFF



99B349



FFFF98



7E992F



FFFFB4



637F11



FFFFD0



496600



FFFFED



304D00



153600



002200



000000



B5CF63



B5CF63

 B0CF4E

 BACF78

 ABCF3A

 BFCF8C

 A6CF25

 C4CFA1

 A1CF10

 C9CFB6

 9DCF00

 CECFCB

 D3CFDF

 D8CFF4

 DDCFFF

 E2CFFF

# Harmonies

## Analogous

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



E9BF59



B5CF63



75D988

# Triad

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



B5CF63



00D8FF



FF99CD

# Complementary

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



B5CF63



7D63CF

# 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.



FFA5FF



B5CF63



53CCFF

# Square

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



B5CF63



00DEF1



BEB9FF



FF9C99

# Rectangle

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



B5CF63



2FDDAA



BEB9FF



FF9BDE



# Sweetspot

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



B5CF63



F5FFD6



CF7C63



7A8067



000000



808080



# Same Dimension

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



B5CF63



D8FF5E



80CF63



66695E



80A800



1F2900



# Inverse Universe

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



7D63CF



855EFF



B263CF



615E69



2900A8



0A0029



# Previews

## White Background



This preview shows how the Hex color B5CF63 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



This preview shows how the Hex color B5CF63 looks on a 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 B5CF63 Background



This preview shows how black text looks on a background with the Hex color B5CF63.

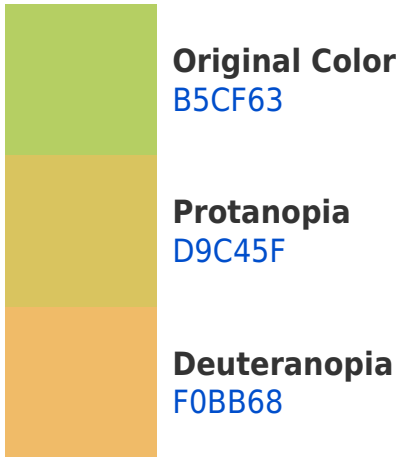


This preview shows how white text looks on a background with the Hex color B5CF63.

# Color Blindness Simulation

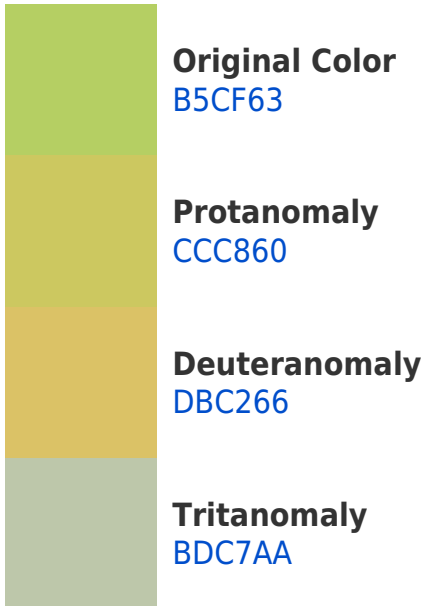
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5CF63 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 #B5CF63 looks like.

```
.text, #text, p{  
    color:#B5CF63  
}
```

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 #B5CF63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5CF63
}
```

## Border

The CSS property to change the border of an element to Hex B5CF63 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
#B5CF63 }
```

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

```
.border{ border-color:#B5CF63 }
```

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

Here you see how a box with a 4 pixel #B5CF63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5CF63; -webkit-box-shadow:4px 4px  
4px 4px #B5CF63; box-shadow:4px 4px 4px  
4px #B5CF63 }
```

# Background

The CSS property to change the background color of an element to Hex B5CF63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5CF63 }
```

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

```
.background{ background-color:#B5CF63 }
```

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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