

# Converting Colors

Hex(B5B959)

Have a look what the booklet for  
Hex(B5B959) contains.

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**Color**

**Hex(B5B959)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5B959
RGB	181, 185, 89
RGB Percent	71%, 73%, 35%
CMY	0.2902, 0.2745, 0.6510
CMYK	0.02, 0.00, 0.52, 0.27
HSL	62°, 41%, 54%
HSV	62°, 52%, 73%
XYZ	38.2082, 45.2429, 16.1702
YIQ	172.8600, 28.4320, -30.7040

# Conversions

## Conversions Part 2

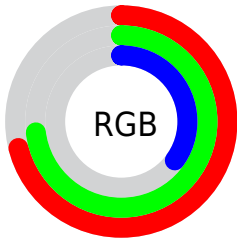
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	89, 185, 93
Decimal	11909465
CIE Lab	73.05, -14.83, 47.62
CIE LCh	73, 49.880, 107.295
Yxy	45.2429, 0.3835, 0.4541
Android (android.graphics.Color)	4290099545 (0xFFB5B959)
YUV	172.8600, -41.3430, 7.1388
Hunter-Lab	67.2629, -16.3144, 32.8305

# Details

The Hex color **B5B959** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **5D59B9**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **EFF18E**, and **7E8426** is the 20% darker color. If you saturate the color by 10%, you get **B4B946**, and if you desaturate by 10%, it is **B6B96B**.

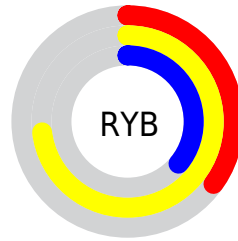
# Distribution



Red (71%)

Green (73%)

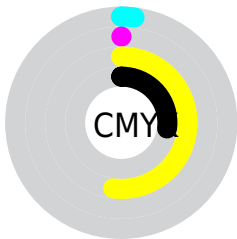
Blue (35%)



Red (35%)

Yellow (73%)

Blue (36%)

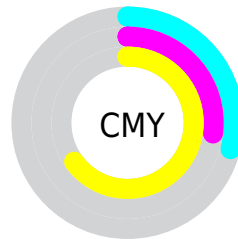


Cyan (2%)

Magenta (0%)

Yellow (52%)

Black (27%)



Cyan (29%)

Magenta (27%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5B959 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 B5B959 by changing the saturation by 10% instead.





B5B959



B5B959

FFFFFF



999E3F



EFF18E



7E8426



FFFFA9



636B06



FFFFC5



4A5300



FFFFE1



313C00

FFFFFFE



182600



001300



000000



B5B959



B5B959

 B4B946

 B6B96B

 B3B934

 B7B97E

 B3B921

 B7B991

 B2B90F

 B8B9A3

 B1B900

 B9B9B5

 BAB9C8

 BAB9DB

 BBB9ED

 BCB9FF

# Harmonies

## Analogous

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



E0AA59



B5B959



81C473

# Triad

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



B5B959



00C7F5



FF90C9

# Complementary

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



B5B959



5D59B9

# 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.



D89DF2



B5B959



28BEFF

# Square

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



B5B959



00CBCD



98AFFE



FF8E9B

# Rectangle

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



B5B959



55C88E



98AFFF



F593D8



# Sweetspot

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



B5B959



EEF0C9



B95C59



777861



F7F7F7



787878



# Same Dimension

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



B5B959



EAF05B



86B959



5B5C53



959C00



1B1C00



# Inverse Universe

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



5D59B9



615BF0



8C59B9



53535C



06009C



01001C



# Previews

## White Background



This preview shows how the Hex color B5B959 looks on a white background.

## Color Contrast Check

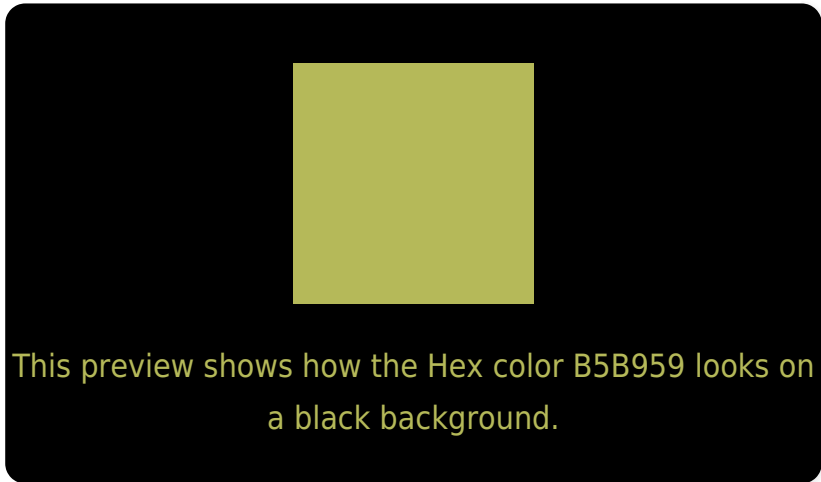
Large Text (above 18pt) WCAG AA × Fail

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

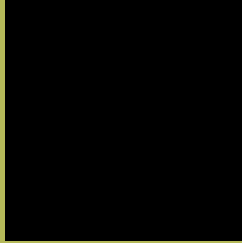
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B5B959 Background



This preview shows how black text looks on a background with the Hex color B5B959.

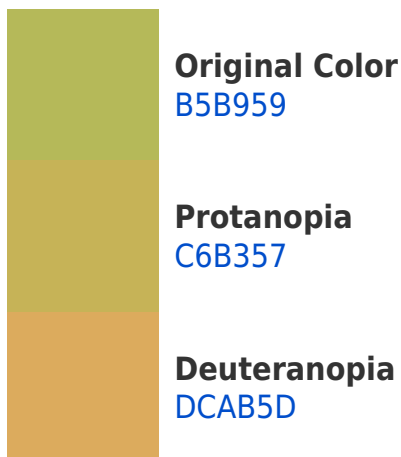


This preview shows how white text looks on a background with the Hex color B5B959.

# Color Blindness Simulation

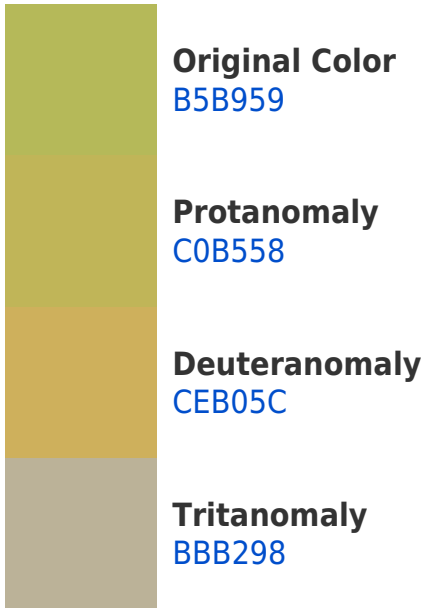
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

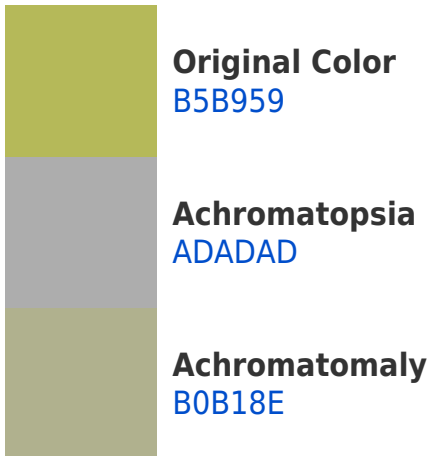




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5B959 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 #B5B959 looks like.

```
.text, #text, p{  
    color:#B5B959  
}
```

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 #B5B959 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5B959
}
```

## Border

The CSS property to change the border of an element to Hex B5B959 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
#B5B959 }
```

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

```
.border{ border-color:#B5B959 }
```

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

Here you see how a box with a 4 pixel #B5B959 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5B959; -webkit-box-shadow:4px 4px  
4px 4px #B5B959; box-shadow:4px 4px 4px  
4px #B5B959 }
```

# Background

The CSS property to change the background color of an element to Hex B5B959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5B959 }
```

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

```
.background{ background-color:#B5B959 }
```

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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