

# Converting Colors

Hex(B59957)

Have a look what the booklet for  
Hex(B59957) contains.

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# **Color**

**Hex(B59957)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | B59957                      |
| RGB         | 181, 153, 87                |
| RGB Percent | 71%, 60%, 34%               |
| CMY         | 0.2902, 0.4000, 0.6588      |
| CMYK        | 0.00, 0.15, 0.52, 0.29      |
| HSL         | 42°, 39%, 53%               |
| HSV         | 42°, 52%, 71%               |
| XYZ         | 32.1676, 33.2943, 13.7479   |
| YIQ         | 153.8480, 37.8740, -14.5900 |

# Conversions

## Conversions Part 2

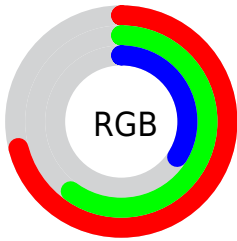
| Format                              | Color                                       |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">127, 181, 87</a>                |
| Decimal                             | <a href="#">11901271</a>                    |
| CIELab                              | <a href="#">64.40, 1.90, 38.28</a>          |
| CIELCh                              | <a href="#">64, 38.330, 87.164</a>          |
| Yxy                                 | <a href="#">33.2943, 0.4061, 0.4203</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4290091351<br/>(0xFFB59957)</a> |
| YUV                                 | <a href="#">153.8480, -32.9561, 23.8123</a> |
| Hunter-Lab                          | <a href="#">57.7012, -1.4661, 26.2645</a>   |

# Details

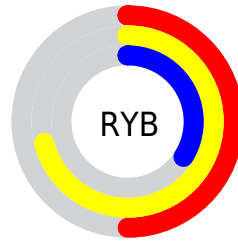
The Hex color **B59957** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **5773B5**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **EFCF8A**, and **7E6627** is the 20% darker color. If you saturate the color by 10%, you get **B59445**, and if you desaturate by 10%, it is **B59E69**.

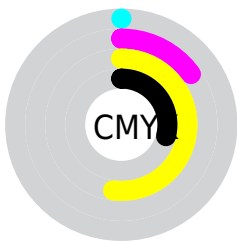
# Distribution



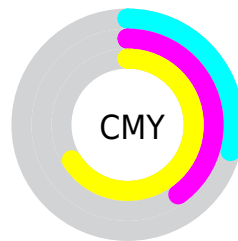
- Red (71%)
- Green (60%)
- Blue (34%)



- Red (50%)
- Yellow (71%)
- Blue (34%)



- Cyan (0%)
- Magenta (15%)
- Yellow (52%)
- Black (29%)



- Cyan (29%)
- Magenta (40%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B59957 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 B59957 by changing the saturation by 10% instead.





B59957



B59957

FFFFFF



997F3F



EFCF8A



7E6627



FFEBA5



634E0E



FFFFC0



4A3800



FFFFDD



312300



FFFFF9



180D00



000000



B59957



B59957



B59445



B59E69

 B58E33

 B5A47B

 B58921

 B5A98D

 B5830F

 B5AF9F

 B57F00

 B5B4B2

 B5B9C4

 B5BFD6

 B5C4E8

 B5CAFA

# Harmonies

## Analogous

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



D08D64



B59957



92A35E

# Triad

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



B59957



00AEBA



C488C2

# Complementary

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



B59957



5773B5

# 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.



9B94D9



B59957



06A9D5

# Square

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



B59957



36AE98



62A1E0



DA81A1

# Rectangle

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



B59957



78A96C



62A1E0



B88CCB



# Sweetspot

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



B59957



EBDFC5



B55773



756F5F



F5F5F5



757575



# Same Dimension

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



B59957



EBBF59



A2B557



595750



996B00



1A1200



# Inverse Universe

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



5773B5



5984EB



6A57B5



505359



002E99



00081A



# Previews

## White Background



This preview shows how the Hex color B59957 looks on a white background.

## Color Contrast Check

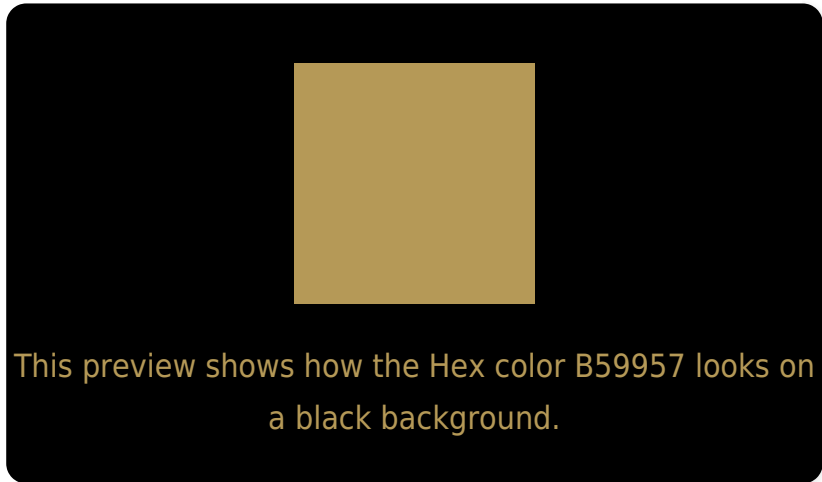
Large Text (above 18pt) WCAG AA × Fail

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

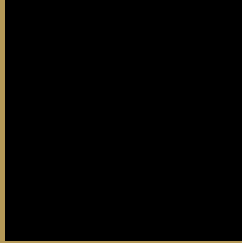
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B59957 Background



This preview shows how black text looks on a background with the Hex color B59957.



This preview shows how white text looks on a background with the Hex color B59957.

# 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



**Original Color**  
B59957

**Protanopia**  
AC9C58

**Deuteranopia**  
BF9558

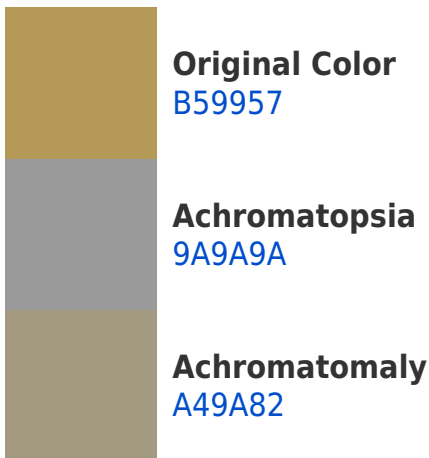


**Tritanopia**  
BB919C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B59957 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 #B59957 looks like.

```
.text, #text, p{  
    color:#B59957  
}
```

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 #B59957 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B59957
}
```

## Border

The CSS property to change the border of an element to Hex B59957 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
#B59957 }
```

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

```
.border{ border-color:#B59957 }
```

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

Here you see how a box with a 4 pixel #B59957 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B59957; -webkit-box-shadow:4px 4px  
4px 4px #B59957; box-shadow:4px 4px 4px  
4px #B59957 }
```

# Background

The CSS property to change the background color of an element to Hex B59957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B59957 }
```

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

```
.background{ background-color:#B59957 }
```

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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