

# Converting Colors

Hex(B58079)

Have a look what the booklet for  
Hex(B58079) contains.

<b>Hex(B58079)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(B58079)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B58079
RGB	181, 128, 121
RGB Percent	71%, 50%, 47%
CMY	0.2902, 0.4980, 0.5255
CMYK	0.00, 0.29, 0.33, 0.29
HSL	7°, 29%, 59%
HSV	7°, 33%, 71%
XYZ	30.2264, 26.6426, 21.6386
YIQ	143.0490, 33.8350, 9.0590

# Conversions

## Conversions Part 2

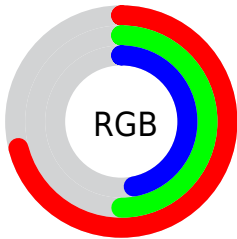
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	181, 129, 121
Decimal	11894905
CIE Lab	58.64, 19.55, 11.98
CIE LCh	59, 22.932, 31.494
Yxy	26.6426, 0.3850, 0.3394
Android (android.graphics.Color)	4290084985 (0xFFB58079)
YUV	143.0490, -10.8702, 33.2830
Hunter-Lab	51.6164, 14.2002, 11.2760

# Details

The Hex color **B58079** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **79AEB5**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **EEB5AD**, and **7F4E48** is the 20% darker color. If you saturate the color by 10%, you get **B57067**, and if you desaturate by 10%, it is **B5908B**.

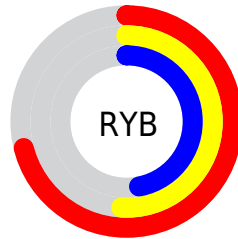
# Distribution



Red (71%)

Green (50%)

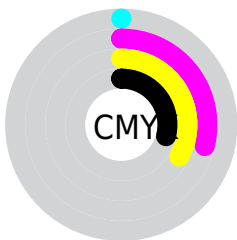
Blue (47%)



Red (71%)

Yellow (51%)

Blue (47%)

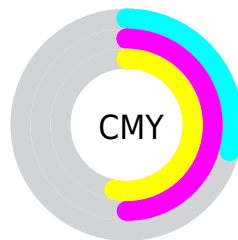


Cyan (0%)

Magenta (29%)

Yellow (33%)

Black (29%)



Cyan (29%)

Magenta (50%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B58079 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 B58079 by changing the saturation by 10% instead.



 B58079

 B58079

FFFFFF

 996760

 EEB5AD

 7F4E48

 FFD1C9

 643732

 FFEDE5

 4B211D

 330B03

 1B0001

 000000

 B58079

 B58079

 B57067

 B5908B

 B56055

 B5A09D

 B55043

 B5B0AF

 B54031

 B5C0C1

 B5301F

 B5D0D4

 B5200C

 B5E0E6

 B51500

 B5F0F8

 B5FFFF

# Harmonies

## Analogous

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



B47E8D



B58079



AC856A

# Triad

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



B58079



6E9679



758FB5

# Complementary

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



B58079



79AEB5

# 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.



5C94B0



B58079



5A988D

# Square

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



B58079



85926A



5198A1



9188AF

# Rectangle

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



B58079



A18A66



5198A1



6C91B4



# Sweetspot

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



B58079



EBD6D3



B579AE



756967



F5F5F5



757575



# Same Dimension

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



B58079



EB988D



B59E79



595150



991200



1A0300



# Inverse Universe

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



79AEB5



8DE0EB



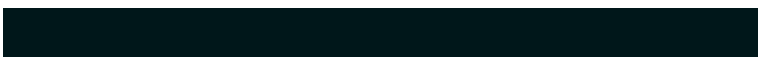
7990B5



505859



008799



00171A



# Previews

## White Background



This preview shows how the Hex color B58079 looks on a white background.

## Color Contrast Check

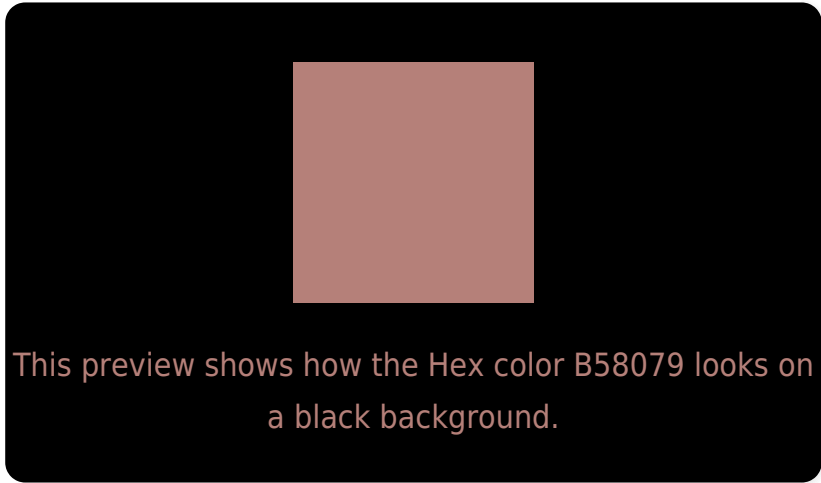
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex B58079 Background



This preview shows how black text looks on a background with the Hex color B58079.

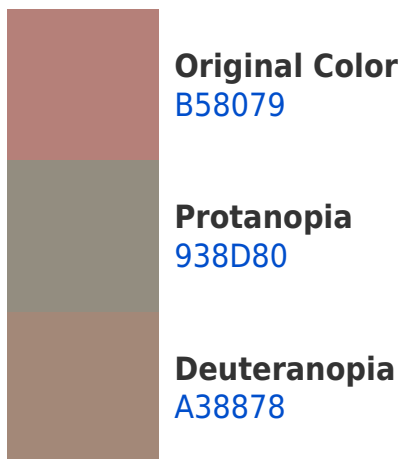


This preview shows how white text looks on a background with the Hex color B58079.

# 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**  
B67E87

# Trichromacy



**Original Color**  
B58079

**Protanomaly**  
9F887D

**Deuteranomaly**  
AA8578

**Tritanomaly**  
B67F82

# Monochromacy



**Original Color**  
B58079

**Achromatopsia**  
8F8F8F

**Achromatomaly**  
9D8A87

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B58079 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 #B58079 looks like.

```
.text, #text, p{  
    color:#B58079  
}
```

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 #B58079 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B58079
}
```

## Border

The CSS property to change the border of an element to Hex B58079 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
#B58079 }
```

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

```
.border{ border-color:#B58079 }
```

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

Here you see how a box with a 4 pixel #B58079 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B58079; -webkit-box-shadow:4px 4px  
4px 4px #B58079; box-shadow:4px 4px 4px  
4px #B58079 }
```

# Background

The CSS property to change the background color of an element to Hex B58079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B58079 }
```

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

```
.background{ background-color:#B58079 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor