

# Converting Colors

Hex(B5907F)

Have a look what the booklet for  
Hex(B5907F) contains.

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**Color**

**Hex(B5907F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B5907F
RGB	181, 144, 127
RGB Percent	71%, 56%, 50%
CMY	0.2902, 0.4353, 0.5020
CMYK	0.00, 0.20, 0.30, 0.29
HSL	19°, 27%, 60%
HSV	19°, 30%, 71%
XYZ	32.8601, 31.3026, 24.3888
YIQ	153.1250, 27.5090, 2.5570

# Conversions

## Conversions Part 2

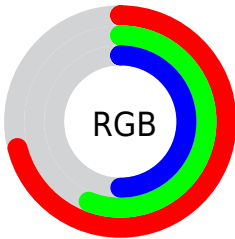
<b>Format</b>	<b>Color</b>
<b>RYB</b>	181, 152, 127
Decimal	11899007
CIELab	62.76, 11.43, 14.34
CIELCh	63, 18.335, 51.429
Yxy	31.3026, 0.3711, 0.3535
Android (android.graphics.Color)	4290089087 (0xFFB5907F)
YUV	153.1250, -12.8796, 24.4464
Hunter-Lab	55.9487, 6.9273, 13.3188

# Details

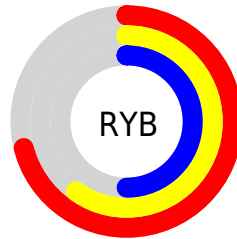
The Hex color **B5907F** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **7FA4B5**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **EEC6B4**, and **7F5E4E** is the 20% darker color. If you saturate the color by 10%, you get **B5846D**, and if you desaturate by 10%, it is **B59C91**.

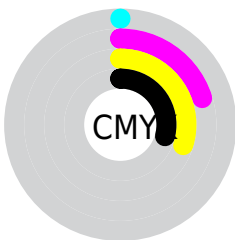
# Distribution



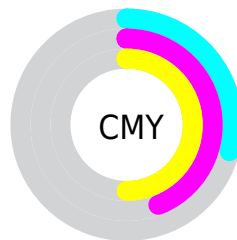
- Red (71%)
- Green (56%)
- Blue (50%)



- Red (71%)
- Yellow (60%)
- Blue (50%)



- Cyan (0%)
- Magenta (20%)
- Yellow (30%)
- Black (29%)



- Cyan (29%)
- Magenta (44%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5907F 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 B5907F by changing the saturation by 10% instead.



 B5907F

 B5907F

FFFFFF

 9A7666

 EEC6B4

 7F5E4E

 FFE2CF

 654637

 FFFFEC

 4C2F22

 351A0C

 1F0100

 000000

 B5907F

 B5907F

 B5846D

 B59C91

 B5775B

 B5A9A3

 B56B49

 B5B5B5

 B55E37

 B5C2C7

 B55225

 B5CEDA

 B54612

 B5DAEC

 B53900

 B5E7FE

 B5F3FF

 B5FFFF

# Harmonies

## Analogous

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



BA8D8D



B5907F



A99578

# Triad

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



B5907F



75A192



9595B6

# Complementary

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



B5907F



7FA4B5

# 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.



7F9BB8



B5907F



6BA1A3

# Square

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



B5907F



859F83



6F9FB1



A890AC

# Rectangle

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



B5907F



9E9978



6F9FB1



8D97B7



# Sweetspot

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



B5907F



EBDCD5



B57FA5



756C68



F5F5F5



757575



# Same Dimension

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



B5907F



EBB196



B5AA7F



595350



993000



1A0800



# Inverse Universe

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



7FA4B5



96D0EB



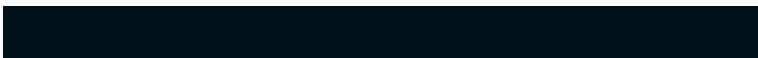
7F8AB5



505659



006999



00111A



# Previews

## White Background



This preview shows how the Hex color B5907F looks on a white background.

## Color Contrast Check

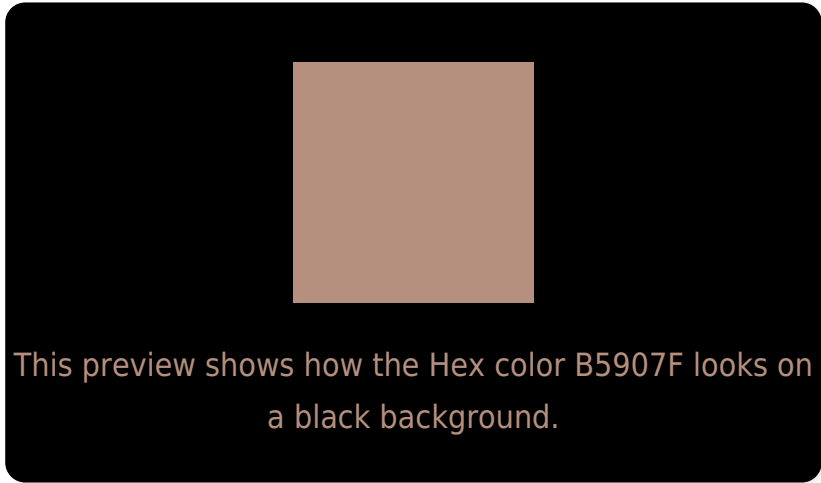
Large Text (above 18pt) WCAG AA × Fail

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

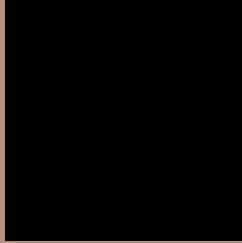
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B5907F Background



This preview shows how black text looks on a background with the Hex color B5907F.



This preview shows how white text looks on a background with the Hex color B5907F.

# 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**  
B5907F

**Protanopia**  
A09883

**Deuteranopia**  
B0927F



**Tritanopia**  
B88C97

# Trichromacy



**Original Color**  
B5907F

**Protanomaly**  
A89582

**Deuteranomaly**  
B2917F

**Tritanomaly**  
B78D8E

# Monochromacy



**Original Color**  
B5907F

**Achromatopsia**  
999999

**Achromatomaly**  
A39690

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5907F 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 #B5907F looks like.

```
.text, #text, p{  
    color:#B5907F  
}
```

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 #B5907F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5907F
}
```

## Border

The CSS property to change the border of an element to Hex B5907F 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
#B5907F }
```

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

```
.border{ border-color:#B5907F }
```

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

Here you see how a box with a 4 pixel #B5907F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5907F; -webkit-box-shadow:4px 4px  
4px 4px #B5907F; box-shadow:4px 4px 4px  
4px #B5907F }
```

# Background

The CSS property to change the background color of an element to Hex B5907F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5907F }
```

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

```
.background{ background-color:#B5907F }
```

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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