

# Converting Colors

Hex(5F947D)

Have a look what the booklet for  
Hex(5F947D) contains.

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**Color**

**Hex(5F947D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F947D
RGB	95, 148, 125
RGB Percent	37%, 58%, 49%
CMY	0.6275, 0.4196, 0.5098
CMYK	0.36, 0.00, 0.16, 0.42
HSL	154°, 22%, 48%
HSV	154°, 36%, 58%
XYZ	19.0109, 25.0934, 23.2436
YIQ	129.5310, -24.2050, -18.3890

# Conversions

## Conversions Part 2

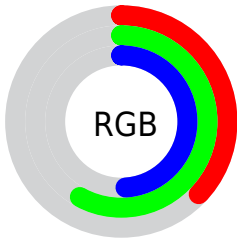
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	95, 129, 148
Decimal	6263933
CIE <sub>Lab</sub>	57.17, -22.96, 6.62
CIE <sub>LCh</sub>	57, 23.897, 163.921
Yxy	25.0934, 0.2823, 0.3726
Android (android.graphics.Color)	4284454013 (0xFF5F947D)
YUV	129.5310, -2.2338, -30.2837
Hunter-Lab	50.0933, -19.9208, 7.5544

# Details

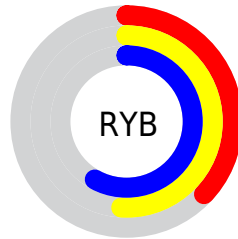
The Hex color **5F947D** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **945F76**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **93CAB2**, and **2D614C** is the 20% darker color. If you saturate the color by 10%, you get **509477**, and if you desaturate by 10%, it is **6E9483**.

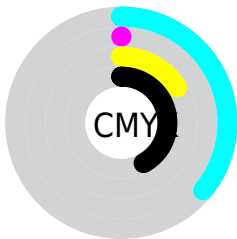
# Distribution



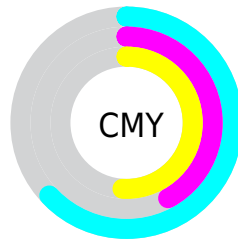
- Red (37%)
- Green (58%)
- Blue (49%)



- Red (37%)
- Yellow (51%)
- Blue (58%)



- Cyan (36%)
- Magenta (0%)
- Yellow (16%)
- Black (42%)



- Cyan (63%)
- Magenta (42%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F947D 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 5F947D by changing the saturation by 10% instead.





5F947D



5F947D

FFFFFF



467A64



93CAB2



2D614C



AEE7CD



134935



CAFFE9



003220



E7FFFF



001E09



000000



5F947D



5F947D



509477



6E9483



419470



7D948A

■ 33946A

■ 8B9490

■ 249463

■ 9A9497

■ 15945D

■ A9949D

■ 069456

■ B894A4

■ 009454

■ C794AA

■ D594B0

■ E494B7

# Harmonies

## Analogous

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



77916B



5F947D



4C9592

# Triad

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



5F947D



7D88B1



B07E6D

# Complementary

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



5F947D



945F76

# 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.



B37A80



5F947D



9881A7

# Square

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



5F947D



5F8FB1



AB7B95



A28462

# Rectangle

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



5F947D



4994A0



AB7B95



B27C73



# Sweetspot

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



5F947D



AABFB6



77945F



54615B



E0E0E0



616161



# Same Dimension

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



5F947D



6DBF9C



5F9194



434A47



008A4E



000A06



# Inverse Universe

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



945F76



BF6D91



94625F



4A4346



8A003C



0A0004



# Previews

## White Background



This preview shows how the Hex color 5F947D 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

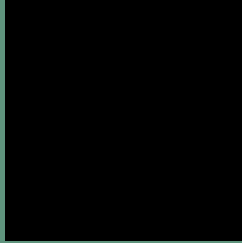
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5F947D Background



This preview shows how black text looks on a background with the Hex color 5F947D.

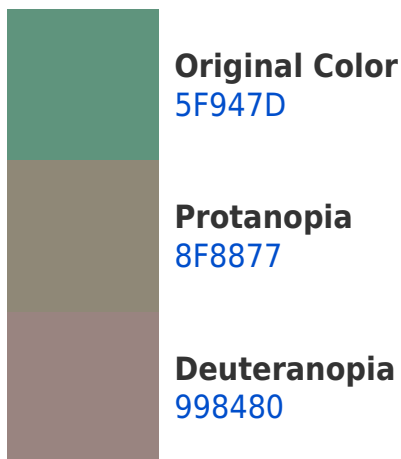


This preview shows how white text looks on a background with the Hex color 5F947D.

# 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**  
66909B

# Trichromacy



**Original Color**  
5F947D

**Protanomaly**  
7E8C79

**Deuteranomaly**  
848A7F

**Tritanomaly**  
639190

# Monochromacy



**Original Color**  
5F947D

**Achromatopsia**  
828282

**Achromatomaly**  
758980

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F947D 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 #5F947D looks like.

```
.text, #text, p{  
    color:#5F947D  
}
```

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 #5F947D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F947D
}
```

## Border

The CSS property to change the border of an element to Hex 5F947D 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
#5F947D }
```

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

```
.border{ border-color:#5F947D }
```

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

Here you see how a box with a 4 pixel #5F947D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F947D; -webkit-box-shadow:4px 4px  
4px 4px #5F947D; box-shadow:4px 4px 4px  
4px #5F947D }
```

# Background

The CSS property to change the background color of an element to Hex 5F947D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F947D }
```

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

```
.background{ background-color:#5F947D }
```

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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