

# Converting Colors

Hex(7F9586)

Have a look what the booklet for  
Hex(7F9586) contains.

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# Color

**Hex(7F9586)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F9586
RGB	127, 149, 134
RGB Percent	50%, 58%, 53%
CMY	0.5020, 0.4157, 0.4745
CMYK	0.15, 0.00, 0.10, 0.42
HSL	139°, 9%, 54%
HSV	139°, 15%, 58%
XYZ	23.8029, 27.7281, 26.6518
YIQ	140.7120, -8.2970, -9.3290

# Conversions

## Conversions Part 2

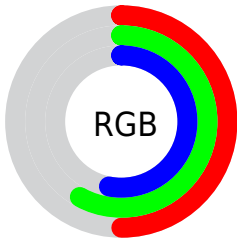
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 144, 149
Decimal	8361350
CIE <sub>Lab</sub>	59.64, -10.88, 5.31
CIE <sub>LCh</sub>	60, 12.109, 153.992
Yxy	27.7281, 0.3045, 0.3547
Android (android.graphics.Color)	4286551430 (0xFF7F9586)
YUV	140.7120, -3.3090, -12.0254
Hunter-Lab	52.6575, -11.4628, 6.8516

# Details

The Hex color **7F9586** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **957F8E**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **B4CBBB**, and **4E6254** is the 20% darker color. If you saturate the color by 10%, you get **70957C**, and if you desaturate by 10%, it is **8E9590**.

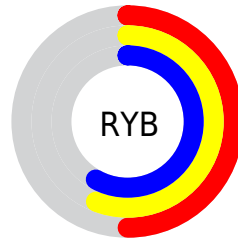
# Distribution



Red (50%)

Green (58%)

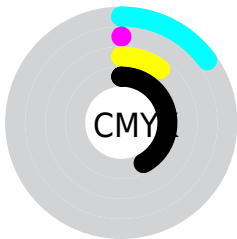
Blue (53%)



Red (50%)

Yellow (56%)

Blue (58%)

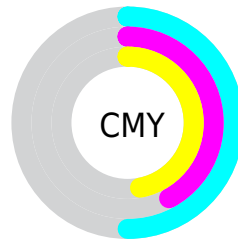


Cyan (15%)

Magenta (0%)

Yellow (10%)

Black (42%)



Cyan (50%)

Magenta (42%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F9586 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 7F9586 by changing the saturation by 10% instead.



7F9586

7F9586

FFFFFF

667B6D

B4CBBB

4E6254

CFE7D7

374A3D

ECFFF3

213428

0C1E13

000000

7F9586

7F9586

70957C

8E9590

619572

9D959A

■ 529568

■ AC95A4

■ 43955D

■ BB95AF

■ 359553

■ CA95B9

■ 269549

■ D895C3

■ 17953F

■ E795CD

■ 089535

■ F695D7

■ 00952F

■ FF95E1

# Harmonies

## Analogous

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



8B937E



7F9586



779691

# Triad

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



7F9586



8690A5



A68984

# Complementary

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



7F9586



957F8E

# 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.



A5888F



7F9586



948CA1

# Square

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



7F9586



7A93A2



9F8A99



A18C7D

# Rectangle

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



7F9586



749698



9F8A99



A68987



# Sweetspot

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



7F9586



BAC2BD



8E957F



5C615E



E0E0E0



616161



# Same Dimension

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



7F9586



9FC2AA



7F9591



434A45



008A2C



000A03



# Inverse Universe

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



957F8E



C29FB7



957F83



4A4348



8A005E

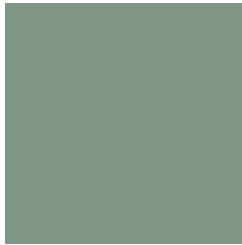


0A0007



# Previews

## White Background



This preview shows how the Hex color 7F9586 looks on a white background.

## Color Contrast Check

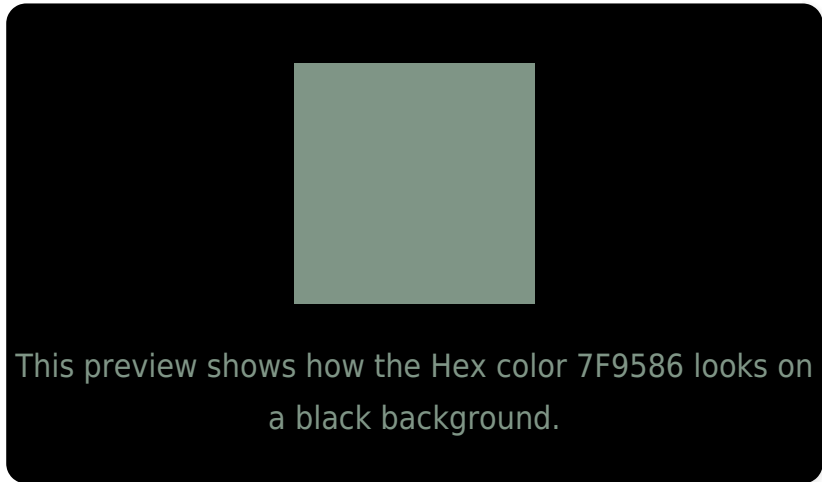
Large Text (above 18pt) WCAG AA ✓ Pass

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

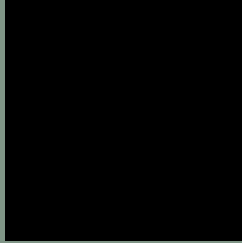
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

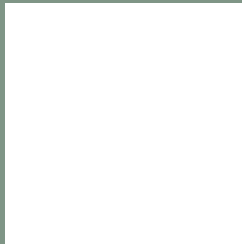
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7F9586 Background



This preview shows how black text looks on a background with the Hex color 7F9586.

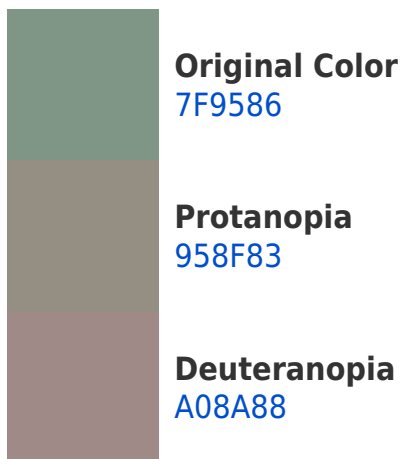


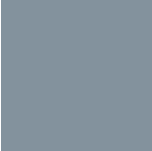
This preview shows how white text looks on a background with the Hex color 7F9586.

# 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**  
83929D

# Trichromacy



**Original Color**  
7F9586

**Protanomaly**  
8D9184

**Deuteranomaly**  
948E87

**Tritanomaly**  
829395

# Monochromacy



**Original Color**  
7F9586

**Achromatopsia**  
8D8D8D

**Achromatomaly**  
88908A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F9586 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 #7F9586 looks like.

```
.text, #text, p{  
    color:#7F9586  
}
```

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 #7F9586 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F9586
}
```

## Border

The CSS property to change the border of an element to Hex 7F9586 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
#7F9586 }
```

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

```
.border{ border-color:#7F9586 }
```

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

Here you see how a box with a 4 pixel #7F9586 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F9586; -webkit-box-shadow:4px 4px  
4px 4px #7F9586; box-shadow:4px 4px 4px  
4px #7F9586 }
```

# Background

The CSS property to change the background color of an element to Hex 7F9586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F9586 }
```

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

```
.background{ background-color:#7F9586 }
```

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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