

Converting Colors

Hex(7F9097)

Have a look what the booklet for
Hex(7F9097) contains.

Hex(7F9097)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7F9097)

Conversions

Conversions Part 1

Format	Color
Hex	7F9097
RGB	127, 144, 151
RGB Percent	50%, 56%, 59%
CMY	0.5020, 0.4353, 0.4078
CMYK	0.16, 0.05, 0.00, 0.41
HSL	198°, 10%, 55%
HSV	198°, 16%, 59%
XYZ	24.3116, 26.6929, 33.1490
YIQ	139.7150, -12.3790, -1.4270

Conversions

Conversions Part 2

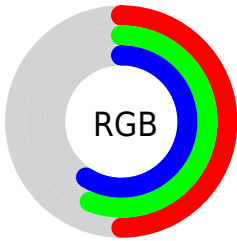
Format	Color
R_{YB}	127, 137, 151
Decimal	8360087
CIE _{Lab}	58.69, -4.54, -5.77
CIE _{LCh}	59, 7.345, 231.781
Yxy	26.6929, 0.2889, 0.3172
Android (android.graphics.Color)	4286550167 (0xFF7F9097)
YUV	139.7150, 5.5635, -11.1511
Hunter-Lab	51.6652, -6.4191, -1.8756

Details

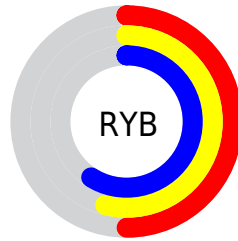
The Hex color **7F9097** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **97867F**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **B4C6CD**, and **4E5E64** is the 20% darker color. If you saturate the color by 10%, you get **708C97**, and if you desaturate by 10%, it is **8E9497**.

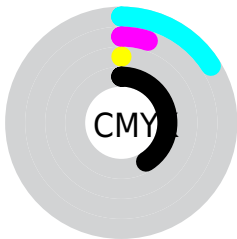
Distribution



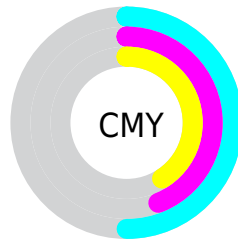
- Red (50%)
- Green (56%)
- Blue (59%)



- Red (50%)
- Yellow (54%)
- Blue (59%)



- Cyan (16%)
- Magenta (5%)
- Yellow (0%)
- Black (41%)



- Cyan (50%)
- Magenta (44%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F9097 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 7F9097 by changing the saturation by 10% instead.

■ 7F9097

■ 7F9097

FFFFFF

■ 66767D

■ B4C6CD

■ 4E5E64

■ D0E2E9

■ 36464C

■ ECFEFF

■ 213036

■ 0C1B20

■ 000009

■ 000000

■ 7F9097

■ 7F9097

■ 708C97

■ 8E9497

618797

9D9997

528397

AC9D97

437E97

BBA297

337A97

CBA697

247697

DAAA97

157197

E9AF97

066D97

F8B397

006B97

FFB897

Harmonies

Analogous

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



7D9192



7F9097



858E9A

Triad

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



7F9097



99898F



8D8E81

Complementary

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



7F9097



97867F

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.



948C81



7F9097



9B8989

Square

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



7F9097



948A95



9A8A83



869085

Rectangle

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



7F9097



8A8D9A



9A8A83



908E81

Sweetspot

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



7F9097



BBC1C4



7F9786



5D6263



E3E3E3



636363

Same Dimension

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



7F9097



9FB9C4



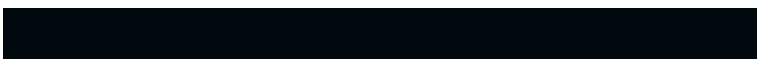
7F8497



454A4D



00638C



00090D

Inverse Universe

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



977F90



C49FB9



97927F



4D454A



8C0063



0D0009

Previews

White Background



This preview shows how the Hex color 7F9097 looks on a white background.

Color Contrast Check

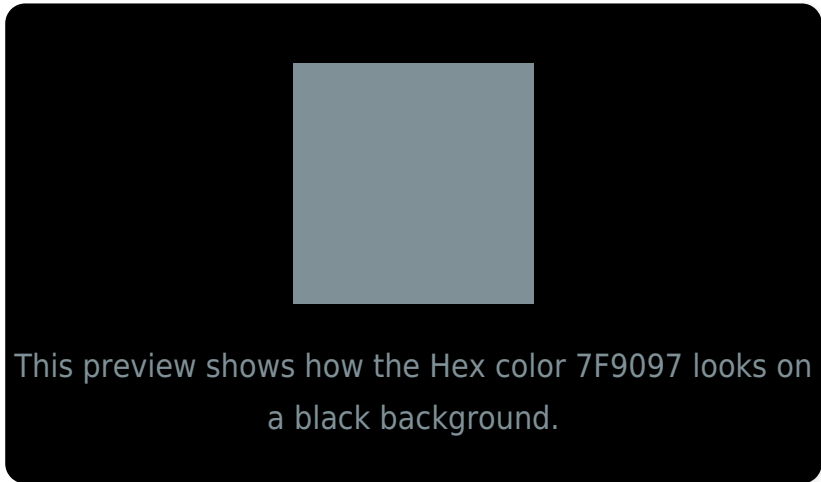
Large Text (above 18pt) WCAG AA ✓ Pass

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

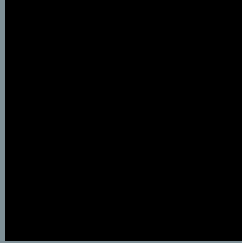
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

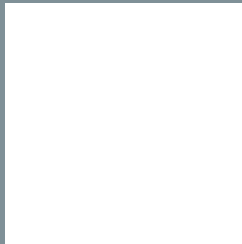
Any Text WCAG AAA × Fail

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

Hex 7F9097 Background



This preview shows how black text looks on a background with the Hex color 7F9097.

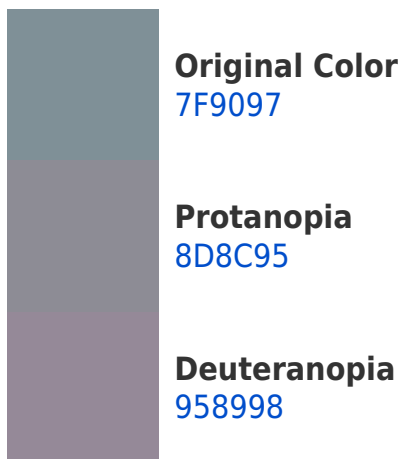


This preview shows how white text looks on a background with the Hex color 7F9097.

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](#).

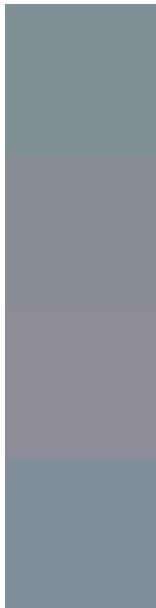
Dichromacy





Tritanopia
808F9B

Trichromacy



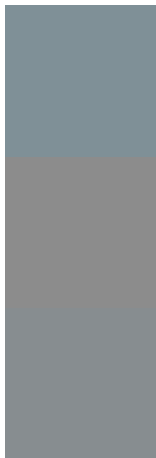
Original Color
7F9097

Protanomaly
888D96

Deuteranomaly
8D8C98

Tritanomaly
808F9A

Monochromacy



Original Color
7F9097

Achromatopsia
8C8C8C

Achromatomaly
878D90

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F9097 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 #7F9097 looks like.

```
.text, #text, p{  
    color:#7F9097  
}
```

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 #7F9097 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F9097
}
```

Border

The CSS property to change the border of an element to Hex 7F9097 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
#7F9097 }
```

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

```
.border{ border-color:#7F9097 }
```

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

Here you see how a box with a 4 pixel #7F9097 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F9097; -webkit-box-shadow:4px 4px  
4px 4px #7F9097; box-shadow:4px 4px 4px  
4px #7F9097 }
```

Background

The CSS property to change the background color of an element to Hex 7F9097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F9097 }
```

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

```
.background{ background-color:#7F9097 }
```

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