

Converting Colors

Hex(7F9193)

Have a look what the booklet for
Hex(7F9193) contains.

Hex(7F9193)	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(7F9193)

Conversions

Conversions Part 1

Format	Color
Hex	7F9193
RGB	127, 145, 147
RGB Percent	50%, 57%, 58%
CMY	0.5020, 0.4314, 0.4235
CMYK	0.14, 0.01, 0.00, 0.42
HSL	186°, 8%, 54%
HSV	186°, 14%, 58%
XYZ	24.1443, 26.8694, 31.5175
YIQ	139.8460, -11.3700, -3.1940

Conversions

Conversions Part 2

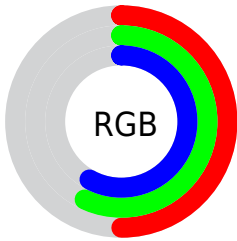
Format	Color
R_{YB}	127, 136, 147
Decimal	8360339
CIE _{Lab}	58.85, -5.98, -3.24
CIE _{LCh}	59, 6.804, 208.463
Yxy	26.8694, 0.2925, 0.3256
Android (android.graphics.Color)	4286550419 (0xFF7F9193)
YUV	139.8460, 3.5269, -11.2659
Hunter-Lab	51.8357, -7.5700, 0.2350

Details

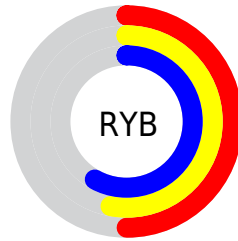
The Hex color **7F9193** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **93817F**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **B4C7C9**, and **4E5F61** is the 20% darker color. If you saturate the color by 10%, you get **709093**, and if you desaturate by 10%, it is **8E9293**.

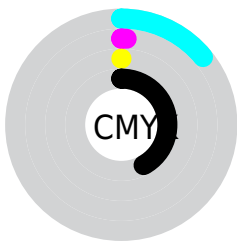
Distribution



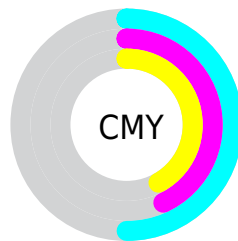
- Red (50%)
- Green (57%)
- Blue (58%)



- Red (50%)
- Yellow (53%)
- Blue (58%)



- Cyan (14%)
- Magenta (1%)
- Yellow (0%)
- Black (42%)



- Cyan (50%)
- Magenta (43%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F9193 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 7F9193 by changing the saturation by 10% instead.

■ 7F9193

■ 7F9193

FFFFFF

■ 667779

■ B4C7C9

■ 4E5F61

■ D0E3E5

■ 374749

■ ECFFFF

■ 213132

■ 0C1C1D

■ 000003

■ 000000

■ 7F9193

■ 7F9193

■ 709093

■ 8E9293

628E93

9C9493

538D93

AB9593

448B93

BA9793

368A93

C99893

278893

D79A93

188793

E69B93

098593

F59D93

008493

FF9E93

Harmonies

Analogous

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



81918D



7F9193



819098

Triad

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



7F9193



958A94



938D82

Complementary

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



7F9193



93817F

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.



988B84



7F9193



9A8A8E

Square

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



7F9193



8F8C98



9B8A88



8C8F83

Rectangle

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



7F9193



858F99



9B8A88



958C82

Sweetspot

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



7F9193



B8BEBF



7F9381



5C6061



E0E0E0



616161

Same Dimension

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



7F9193



A1BCBF



7F8793



43494A



007C8A



00090A

Inverse Universe

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



937F91



BFA1BC



938B7F



4A4349



8A007C



0A0009

Previews

White Background



This preview shows how the Hex color 7F9193 looks on a white background.

Color Contrast Check

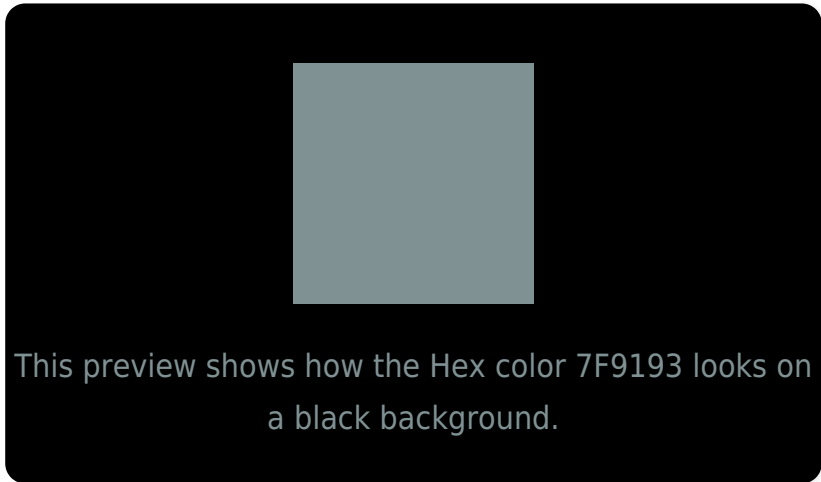
Large Text (above 18pt) WCAG AA ✓ Pass

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

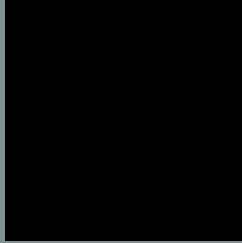
Any Text WCAG AA ✓ Pass

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 7F9193 Background



This preview shows how black text looks on a background with the Hex color 7F9193.

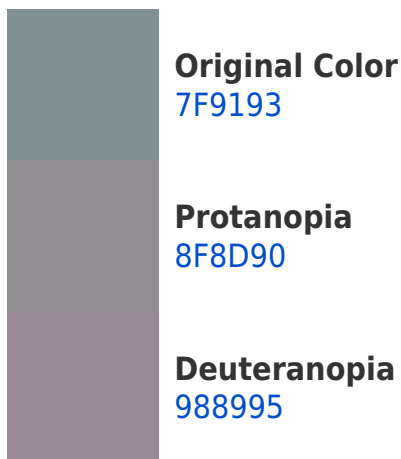


This preview shows how white text looks on a background with the Hex color 7F9193.

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
80909B

Trichromacy



Original Color
7F9193

Protanomaly
898E91

Deuteranomaly
8F8C94

Tritanomaly
809098

Monochromacy



Original Color
7F9193

Achromatopsia
8C8C8C

Achromatomaly
878E8F

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F9193 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 #7F9193 looks like.

```
.text, #text, p{  
    color:#7F9193  
}
```

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 #7F9193 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F9193
}
```

Border

The CSS property to change the border of an element to Hex 7F9193 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
#7F9193 }
```

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

```
.border{ border-color:#7F9193 }
```

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

Here you see how a box with a 4 pixel #7F9193 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F9193; -webkit-box-shadow:4px 4px  
4px 4px #7F9193; box-shadow:4px 4px 4px  
4px #7F9193 }
```

Background

The CSS property to change the background color of an element to Hex 7F9193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F9193 }
```

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

```
.background{ background-color:#7F9193 }
```

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