

Converting Colors

Hex(90909F)

Have a look what the booklet for
Hex(90909F) contains.

Hex(90909F)	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(90909F)

Conversions

Conversions Part 1

Format	Color
Hex	90909F
RGB	144, 144, 159
RGB Percent	56%, 56%, 62%
CMY	0.4353, 0.4353, 0.3765
CMYK	0.09, 0.09, 0.00, 0.38
HSL	240°, 7%, 59%
HSV	240°, 9%, 62%
XYZ	27.7329, 28.3790, 36.8169
YIQ	145.7100, -4.8150, 4.6650

Conversions

Conversions Part 2

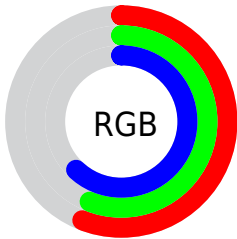
Format	Color
R _Y B	144, 144, 159
Decimal	9474207
CIE Lab	60.23, 3.06, -7.90
CIE LCh	60, 8.474, 291.134
Yxy	28.3790, 0.2984, 0.3054
Android (android.graphics.Color)	4287664287 (0xFF90909F)
YUV	145.7100, 6.5520, -1.4997
Hunter-Lab	53.2720, -0.3005, -3.6857

Details

The Hex color **90909F** is a light color, and the websafe version is hex **999999**. A complement of this color would be **9F9F90**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **C6C6D6**, and **5E5E6C** is the 20% darker color. If you saturate the color by 10%, you get **80809F**, and if you desaturate by 10%, it is **A0A09F**.

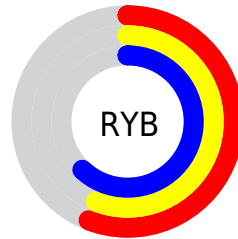
Distribution



Red (56%)

Green (56%)

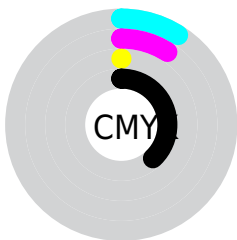
Blue (62%)



Red (56%)

Yellow (56%)

Blue (62%)

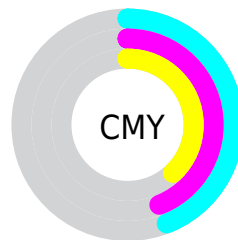


Cyan (9%)

Magenta (9%)

Yellow (0%)

Black (38%)



Cyan (44%)

Magenta (44%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90909F 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 90909F by changing the saturation by 10% instead.



90909F



90909F

FFFFFF



767685



C6C6D6



5E5E6C



E2E2F2



464653

FFFEFF



2F303C



1A1B27



000012



000000



90909F



90909F



80809F



A0A09F

70709F

B0B09F

60609F

C0C09F

50509F

D0D09F

40409F

E0E09F

31319F

EFEF9F

21219F

FFFF9F

11119F

01019F

Harmonies

Analogous

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



8792A0



90909F



998E9B

Triad

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



90909F



9F8E86



82968F

Complementary

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



90909F



9F9F90

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.



899488



90909F



9A9083

Square

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



90909F



A28C8C



929283



7F9696

Rectangle

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



90909F



9D8D96



929283



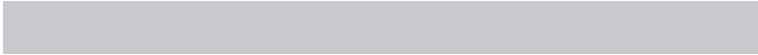
84958C

Sweetspot

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



90909F



C8C8CF



909F9F



646469



E8E8E8



696969

Same Dimension

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



90909F



B8B8CF



98909F



47474F



00008F



00000F

Inverse Universe

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



9F909F



CFB8CF



989F90



4F474F



8F008F



0F000F

Previews

White Background



This preview shows how the Hex color 90909F looks on a white background.

Color Contrast Check

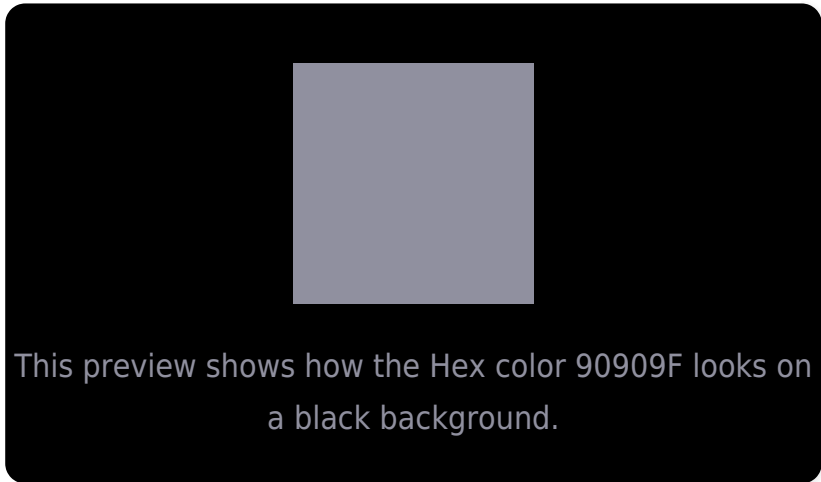
Large Text (above 18pt) WCAG AA ✓ Pass

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

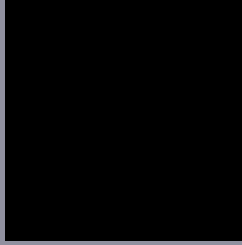
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

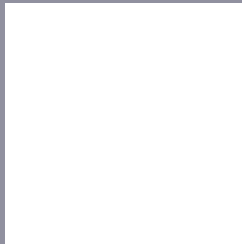
Any Text WCAG AAA × Fail

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

Hex 90909F Background



This preview shows how black text looks on a background with the Hex color 90909F.

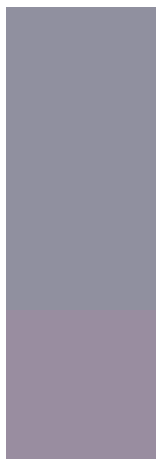


This preview shows how white text looks on a background with the Hex color 90909F.

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
90909F

Protanopia
90909F

Deuteranopia
998DA0



Tritanopia
8F919C

Trichromacy



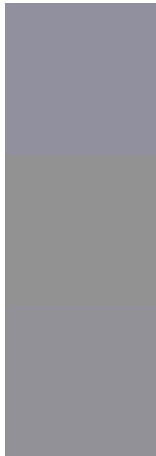
Original Color
9090F

Protanomaly
9090F

Deuteranomaly
968EA0

Tritanomaly
8F919D

Monochromacy



Original Color
9090F

Achromatopsia
929292

Achromatomaly
919197

CSS Examples

Text

The CSS property to change the color of the text to Hex 90909F 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 #90909F looks like.

```
.text, #text, p{  
    color:#90909F  
}
```

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 #90909F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90909F
}
```

Border

The CSS property to change the border of an element to Hex 90909F 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
#90909F }
```

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

```
.border{ border-color:#90909F }
```

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

Here you see how a box with a 4 pixel #90909F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90909F; -webkit-box-shadow:4px 4px  
4px 4px #90909F; box-shadow:4px 4px 4px  
4px #90909F }
```

Background

The CSS property to change the background color of an element to Hex 90909F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90909F }
```

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

```
.background{ background-color:#90909F }
```

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