

Converting Colors

Hex(738A9F)

Have a look what the booklet for
Hex(738A9F) contains.

Hex(738A9F)	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(738A9F)

Conversions

Conversions Part 1

Format	Color
Hex	738A9F
RGB	115, 138, 159
RGB Percent	45%, 54%, 62%
CMY	0.5490, 0.4588, 0.3765
CMYK	0.28, 0.13, 0.00, 0.38
HSL	209°, 19%, 54%
HSV	209°, 28%, 62%
XYZ	22.4167, 24.3250, 36.3146
YIQ	133.5170, -20.4490, 1.6550

Conversions

Conversions Part 2

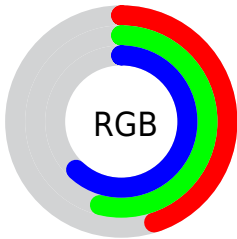
Format	Color
R_{YB}	115, 130, 159
Decimal	7572127
CIE _{Lab}	56.41, -3.20, -13.85
CIE _{LCh}	56, 14.215, 256.998
Yxy	24.3250, 0.2699, 0.2929
Android (android.graphics.Color)	4285762207 (0xFF738A9F)
YUV	133.5170, 12.5631, -16.2394
Hunter-Lab	49.3204, -5.1802, -9.1310

Details

The Hex color **738A9F** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **9F8873**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **A8BFD6**, and **41586C** is the 20% darker color. If you saturate the color by 10%, you get **63829F**, and if you desaturate by 10%, it is **83929F**.

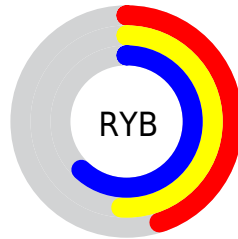
Distribution



Red (45%)

Green (54%)

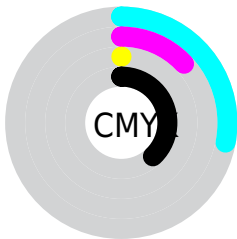
Blue (62%)



Red (45%)

Yellow (51%)

Blue (62%)

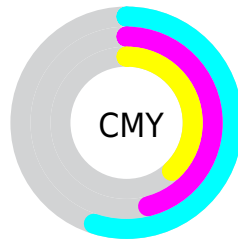


Cyan (28%)

Magenta (13%)

Yellow (0%)

Black (38%)



Cyan (55%)

Magenta (46%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 738A9F 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 738A9F by changing the saturation by 10% instead.



738A9F



738A9F

FFFFFF



5A7185



A8BFD6



41586C



C3DBF2



2A4153



DFF8FF



122B3C



FCFFFF



001726



000111



000000



738A9F



738A9F



63829F



83929F

■ 537B9F

■ 93999F

■ 43739F

■ A3A19F

■ 336C9F

■ B3A89F

■ 24649F

■ C3B09F

■ 145C9F

■ D2B89F

■ 04559F

■ E2BF9F

■ 00539F

■ F2C79F

■ FFCE9F

Harmonies

Analogous

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



688D99



738A9F



83869F

Triad

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



738A9F



A17F81



7B8C76

Complementary

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



738A9F



9F8873

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.



8A8970



738A9F



9F8176

Square

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



738A9F



9D7F8D



96856F



6F8E81

Rectangle

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



738A9F



8D839B



96856F



808B73

Sweetspot

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



738A9F



BEC7CF



739F88



5E6469



E8E8E8



696969

Same Dimension

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



738A9F



8AAECF



73749F



474B4F



004B8F



00080F

Inverse Universe

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



9F738A



CF8AAE



9F9E73



4F474B



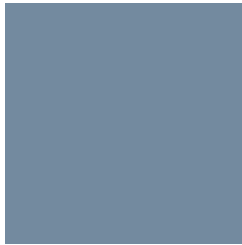
8F004B



0F0008

Previews

White Background



This preview shows how the Hex color 738A9F looks on a white background.

Color Contrast Check

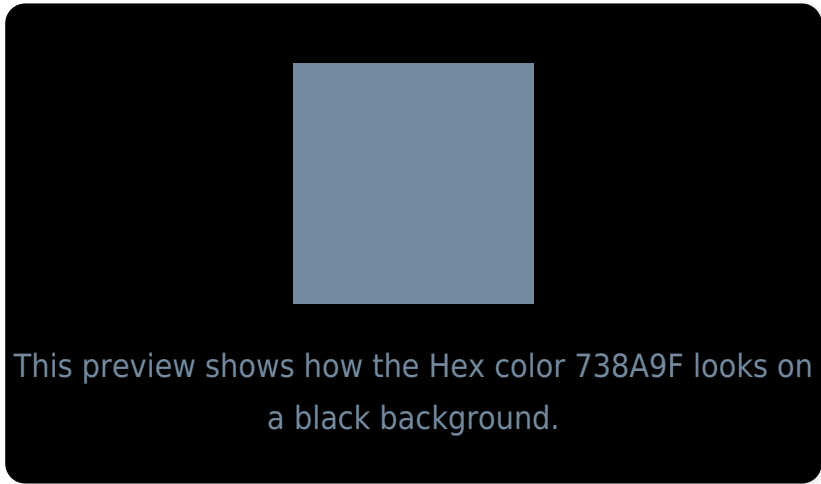
Large Text (above 18pt) WCAG AA ✓ Pass

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

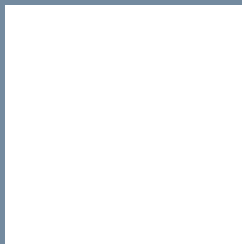
Any Text WCAG AAA × Fail

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

Hex 738A9F Background



This preview shows how black text looks on a background with the Hex color 738A9F.

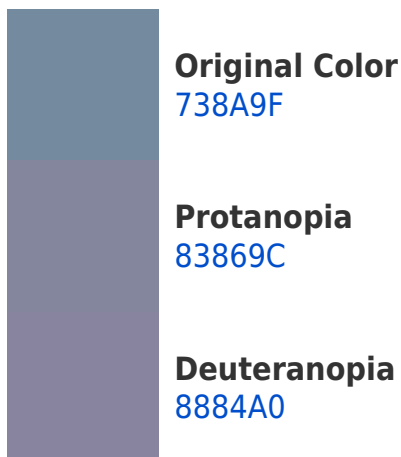


This preview shows how white text looks on a background with the Hex color 738A9F.

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
718B97

Trichromacy



Original Color
738A9F

Protanomaly
7D879D

Deuteranomaly
8086A0

Tritanomaly
728B9A

Monochromacy



Original Color
738A9F

Achromatopsia
868686

Achromatomaly
7F878F

CSS Examples

Text

The CSS property to change the color of the text to Hex 738A9F 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 #738A9F looks like.

```
.text, #text, p{  
    color:#738A9F  
}
```

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 #738A9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #738A9F
}
```

Border

The CSS property to change the border of an element to Hex 738A9F 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
#738A9F }
```

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

```
.border{ border-color:#738A9F }
```

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

Here you see how a box with a 4 pixel #738A9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #738A9F; -webkit-box-shadow:4px 4px  
4px 4px #738A9F; box-shadow:4px 4px 4px  
4px #738A9F }
```

Background

The CSS property to change the background color of an element to Hex 738A9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#738A9F }
```

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

```
.background{ background-color:#738A9F }
```

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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