

Converting Colors

Hex(609F8D)

Have a look what the booklet for
Hex(609F8D) contains.

Hex(609F8D)	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(609F8D)

Conversions

Conversions Part 1

Format	Color
Hex	609F8D
RGB	96, 159, 141
RGB Percent	38%, 62%, 55%
CMY	0.6235, 0.3765, 0.4471
CMYK	0.40, 0.00, 0.11, 0.38
HSL	163°, 25%, 50%
HSV	163°, 40%, 62%
XYZ	22.0297, 29.2062, 29.6756
YIQ	138.1110, -31.7700, -18.9540

Conversions

Conversions Part 2

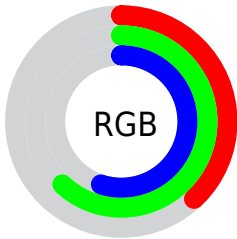
Format	Color
R_{YB}	96, 133, 159
Decimal	6332301
CIE _{Lab}	60.96, -24.60, 3.02
CIE _{LCh}	61, 24.790, 172.993
Yxy	29.2062, 0.2723, 0.3610
Android (android.graphics.Color)	4284522381 (0xFF609F8D)
YUV	138.1110, 1.4243, -36.9313
Hunter-Lab	54.0427, -21.8118, 5.2730

Details

The Hex color **609F8D** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9F6072**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **95D6C3**, and **2C6B5B** is the 20% darker color. If you saturate the color by 10%, you get **509F88**, and if you desaturate by 10%, it is **709F92**.

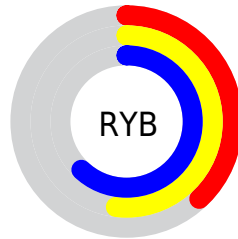
Distribution



Red (38%)

Green (62%)

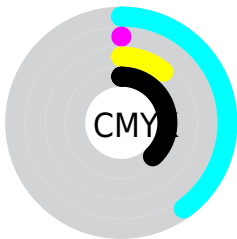
Blue (55%)



Red (38%)

Yellow (52%)

Blue (62%)

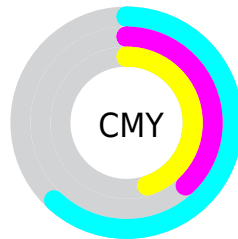


Cyan (40%)

Magenta (0%)

Yellow (11%)

Black (38%)



Cyan (62%)

Magenta (38%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 609F8D 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 609F8D by changing the saturation by 10% instead.



609F8D



609F8D

FFFFFF



468573



95D6C3



2C6B5B



B1F2DE



0E5344



CDFFFB



003B2D



EAFFFF



002519



000700



000000



609F8D



609F8D



509F88



709F92

 409F84

 809F96

 309F7F

 909F9B

 209F7B


 A09F9F

 109F76

 B09FA4

 019F72

 BF9FA8

 009F72

 CF9FAD

 DF9FB1

 EF9FB6

Harmonies

Analogous

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



789C78



609F8D



519FA3

Triad

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



609F8D



8F8FBB



B88971

Complementary

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



609F8D



9F6072

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.



BF8483



609F8D



AA88AE

Square

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



609F8D



7097BE



BB8399



A89068

Rectangle

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



609F8D



529DB0



BB8399



BC8776

Sweetspot

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



609F8D



B6CFC7



739F60



5A6964



E8E8E8



696969

Same Dimension

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



609F8D



6BCFB2



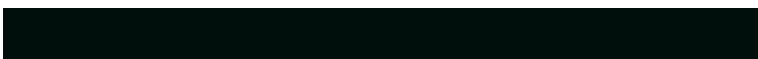
60929F



474F4D



008F66



000F0B

Inverse Universe

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



9F6072



CF6B88



9F6D60



4F4749



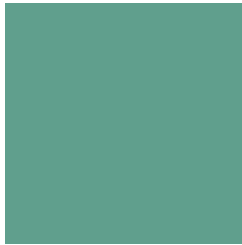
8F0029



0F0004

Previews

White Background



This preview shows how the Hex color 609F8D looks on a white background.

Color Contrast Check

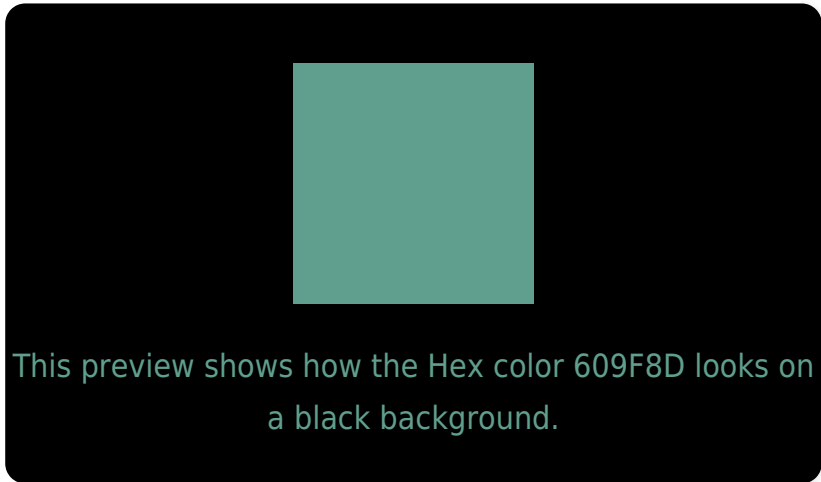
Large Text (above 18pt) WCAG AA ✓ Pass

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

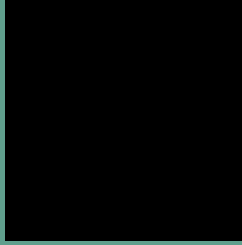
Any Text WCAG AA ✓ Pass

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 609F8D Background



This preview shows how black text looks on a background with the Hex color 609F8D.

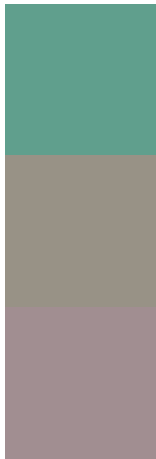


This preview shows how white text looks on a background with the Hex color 609F8D.

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
609F8D

Protanopia
989286

Deuteranopia
A18E91



Tritanopia
679BA8

Trichromacy



Original Color
609F8D

Protanomaly
849789

Deuteranomaly
899490

Tritanomaly
649C9E

Monochromacy



Original Color
609F8D

Achromatopsia
8A8A8A

Achromatomaly
7B928B

CSS Examples

Text

The CSS property to change the color of the text to Hex 609F8D 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 #609F8D looks like.

```
.text, #text, p{  
    color:#609F8D  
}
```

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 #609F8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #609F8D
}
```

Border

The CSS property to change the border of an element to Hex 609F8D 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
#609F8D }
```

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

```
.border{ border-color:#609F8D }
```

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

Here you see how a box with a 4 pixel #609F8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #609F8D; -webkit-box-shadow:4px 4px  
4px 4px #609F8D; box-shadow:4px 4px 4px  
4px #609F8D }
```

Background

The CSS property to change the background color of an element to Hex 609F8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#609F8D }
```

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

```
.background{ background-color:#609F8D }
```

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