

Converting Colors

Hex(008B9F)

Have a look what the booklet for
Hex(008B9F) contains.

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Color

Hex(008B9F)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 008B9F |
| RGB | 0, 139, 159 |
| RGB Percent | 0%, 55%, 62% |
| CMY | 1.0000, 0.4549, 0.3765 |
| CMYK | 1.00, 0.13, 0.00, 0.38 |
| HSL | 188°, 100%, 31% |
| HSV | 188°, 100%, 62% |
| XYZ | 15.4906, 20.9684, 36.0318 |
| YIQ | 99.7190, -89.2640, -23.2480 |

Conversions

Conversions Part 2

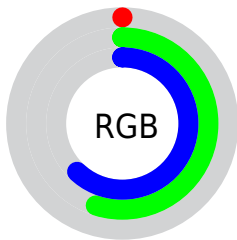
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 0, 74, 159 |
| Decimal | 35743 |
| CIELab | 52.91, -23.93, -19.52 |
| CIELCh | 53, 30.882, 219.200 |
| Yxy | 20.9684, 0.2137, 0.2893 |
| Android (android.graphics.Color) | 4278225823 (0xFF008B9F) |
| YUV | 99.7190, 29.2255, -87.4536 |
| Hunter-Lab | 45.7913, -19.7505, -14.5995 |

Details

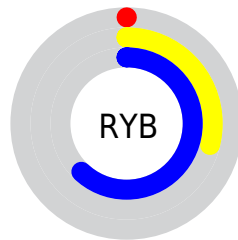
The Hex color **008B9F** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9F1400**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **59C1D6**, and **00596C** is the 20% darker color. If you saturate the color by 10%, you get **008B9F**, and if you desaturate by 10%, it is **108D9F**.

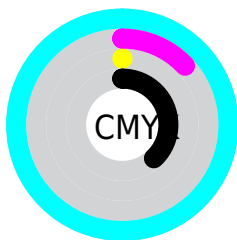
Distribution



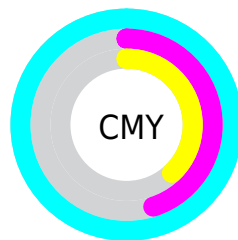
- Red (0%)
- Green (55%)
- Blue (62%)



- Red (0%)
- Yellow (29%)
- Blue (62%)



- Cyan (100%)
- Magenta (13%)
- Yellow (0%)
- Black (38%)




- Cyan (100%)
- Magenta (45%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008B9F 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 008B9F by changing the saturation by 10% instead.

 008B9F

 008B9F

FFFFFF

 007185

 59C1D6

 00596C

 78DDF2

 004153

 95F9FF

 002A3C

 B3FFFF

 001426

 D1FFFF

 000111

 EFFFFFFF

 000000

 008B9F

 108D9F

 208F9F

 30919F

 40939F

 50959F

 5F979F

 6F999F

 7F9B9F

 8F9D9F

Harmonies

Analogous

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



228D86



008B9F



3586AF

Triad

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



008B9F



A66C92



887F49

Complementary

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



008B9F



9F1400

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.



9F764D



008B9F



B26A77

Square

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



008B9F



8C74A8



AF6E5E



6B8754

Rectangle

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



008B9F



5681B3



AF6E5E



907C49

Sweetspot

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



008B9F



91C7CF



009F13



436469



E8E8E8



696969

Same Dimension

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



008B9F



00B5CF



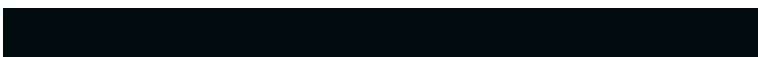
003D9F



474E4F



007D8F



000D0F

Inverse Universe

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



9F008B



CF00B5



9F6200



4F474E



8F007D



0F000D

Previews

White Background



This preview shows how the Hex color 008B9F looks on a white background.

Color Contrast Check

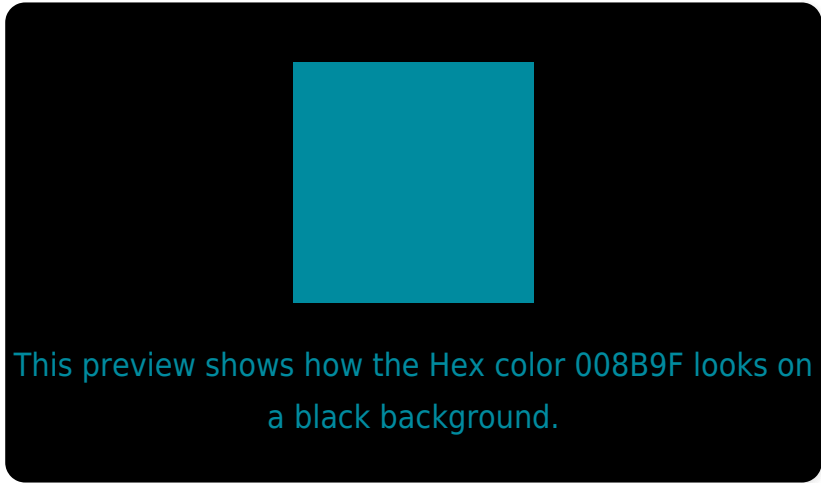
Large Text (above 18pt) WCAG AA ✓ Pass

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

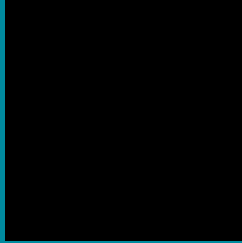
Any Text WCAG AA ✓ Pass

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 008B9F Background



This preview shows how black text looks on a background with the Hex color 008B9F.

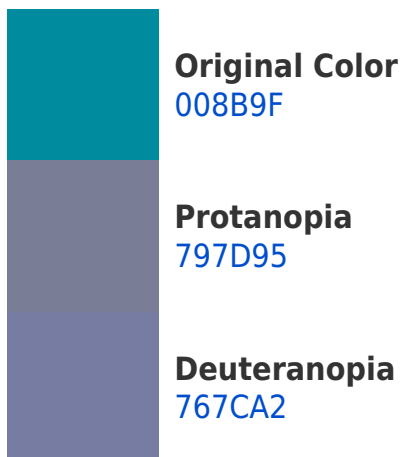


This preview shows how white text looks on a background with the Hex color 008B9F.

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
008C97

Trichromacy



Original Color
008B9F



Protanomaly
4D8299



Deuteranomaly
4B81A1



Tritanomaly
008C9A

Monochromacy



Original Color
008B9F



Achromatopsia
646464



Achromatomaly
407279

CSS Examples

Text

The CSS property to change the color of the text to Hex 008B9F 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 #008B9F looks like.

```
.text, #text, p{  
    color:#008B9F  
}
```

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 #008B9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008B9F
}
```

Border

The CSS property to change the border of an element to Hex 008B9F 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
#008B9F }
```

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

```
.border{ border-color:#008B9F }
```

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

Here you see how a box with a 4 pixel #008B9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008B9F; -webkit-box-shadow:4px 4px  
4px 4px #008B9F; box-shadow:4px 4px 4px  
4px #008B9F }
```

Background

The CSS property to change the background color of an element to Hex 008B9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008B9F }
```

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

```
.background{ background-color:#008B9F }
```

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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