

Converting Colors

Hex(008D9F)

Have a look what the booklet for
Hex(008D9F) contains.

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Color

Hex(008D9F)

Conversions

Conversions Part 1

Format	Color
Hex	008D9F
RGB	0, 141, 159
RGB Percent	0%, 55%, 62%
CMY	1.0000, 0.4471, 0.3765
CMYK	1.00, 0.11, 0.00, 0.38
HSL	187°, 100%, 31%
HSV	187°, 100%, 62%
XYZ	15.7829, 21.5530, 36.1292
YIQ	100.8930, -89.8140, -24.2940

Conversions

Conversions Part 2

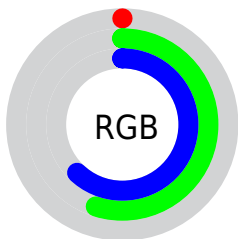
Format	Color
RYB	0, 75, 159
Decimal	36255
CIELab	53.55, -24.96, -18.55
CIELCh	54, 31.097, 216.618
Yxy	21.5530, 0.2148, 0.2934
Android (android.graphics.Color)	4278226335 (0xFF008D9F)
YUV	100.8930, 28.6468, -88.4832
Hunter-Lab	46.4252, -20.5605, -13.6433

Details

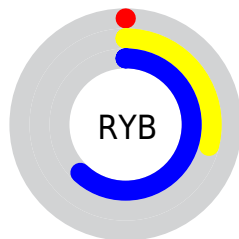
The Hex color **008D9F** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9F1200**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **5AC3D6**, and **005A6C** is the 20% darker color. If you saturate the color by 10%, you get **008D9F**, and if you desaturate by 10%, it is **108F9F**.

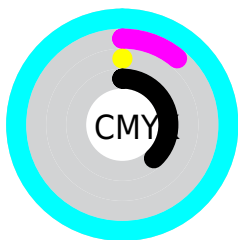
Distribution



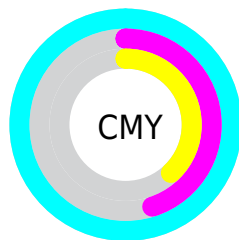
- Red (0%)
- Green (55%)
- Blue (62%)



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



- Cyan (100%)
- Magenta (11%)
- Yellow (0%)
- Black (38%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 008D9F 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 008D9F by changing the saturation by 10% instead.

 008D9F

 008D9F

FFFFFF

 007385

 5AC3D6

 005A6C

 78DFF2

 004353

 96FCFF

 002C3C

 B3FFFF

 001626

 D1FFFF

 000111

 EFFFFFF

 000000

 008D9F

 108F9F

 20919F

 30929F

 40949F

 50969F

 5F989F

 6F9A9F

 7F9B9F

 8F9D9F

Harmonies

Analogous

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



278E85



008D9F



3288B0

Triad

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



008D9F



A66E96



8C804A

Complementary

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



008D9F



9F1200

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.



A3774F



008D9F



B36B7B

Square

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



008D9F



8B77AB



B16F61



6F8854

Rectangle

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



008D9F



5384B5



B16F61



947D4A

Sweetspot

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



008D9F



91C8CF



009F10



436469



E8E8E8



696969

Same Dimension

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



008D9F



00B7CF



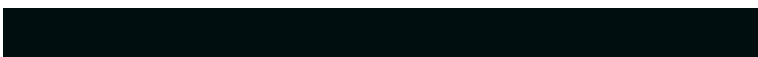
00409F



474E4F



007F8F



000E0F

Inverse Universe

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



9F008D



CF00B7



9F5F00



4F474E



8F007F



0F000E

Previews

White Background



This preview shows how the Hex color 008D9F looks on a white background.

Color Contrast Check

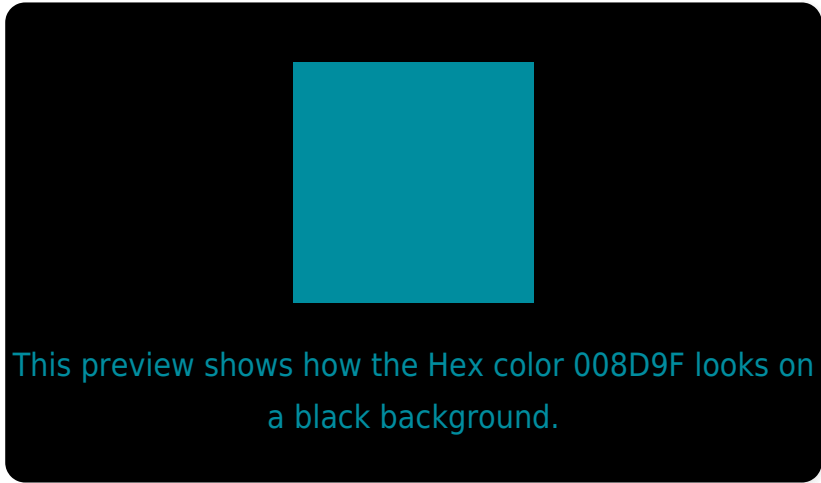
Large Text (above 18pt) WCAG AA ✓ Pass

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

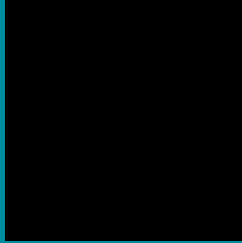
Any Text WCAG AA ✓ Pass

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 008D9F Background



This preview shows how black text looks on a background with the Hex color 008D9F.

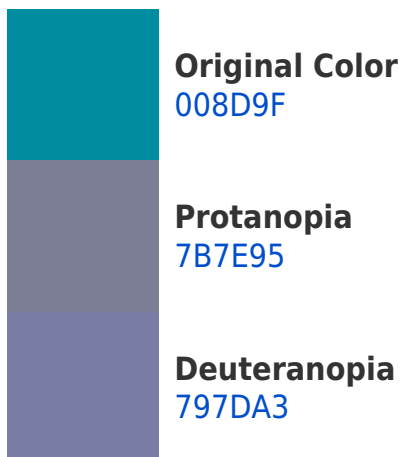


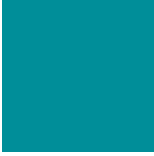
This preview shows how white text looks on a background with the Hex color 008D9F.

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



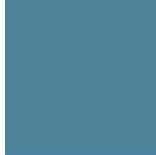


Tritanopia
008E99

Trichromacy



Original Color
008D9F



Protanomaly
4E8399



Deuteranomaly
4D83A2



Tritanomaly
008E9B

Monochromacy



Original Color
008D9F



Achromatopsia
656565



Achromatomaly
40747A

CSS Examples

Text

The CSS property to change the color of the text to Hex 008D9F 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 #008D9F looks like.

```
.text, #text, p{  
    color:#008D9F  
}
```

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 #008D9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008D9F
}
```

Border

The CSS property to change the border of an element to Hex 008D9F 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
#008D9F }
```

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

```
.border{ border-color:#008D9F }
```

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

Here you see how a box with a 4 pixel #008D9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008D9F; -webkit-box-shadow:4px 4px  
4px 4px #008D9F; box-shadow:4px 4px 4px  
4px #008D9F }
```

Background

The CSS property to change the background color of an element to Hex 008D9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008D9F }
```

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

```
.background{ background-color:#008D9F }
```

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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