

# Converting Colors

Hex(008D96)

Have a look what the booklet for  
Hex(008D96) contains.

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# Color

Hex(008D96)

# Conversions

## Conversions Part 1

Format	Color
Hex	008D96
RGB	0, 141, 150
RGB Percent	0%, 55%, 59%
CMY	1.0000, 0.4471, 0.4118
CMYK	1.00, 0.06, 0.00, 0.41
HSL	184°, 100%, 29%
HSV	184°, 100%, 59%
XYZ	15.0299, 21.2518, 32.1640
YIQ	99.8670, -86.9250, -27.0930

# Conversions

## Conversions Part 2

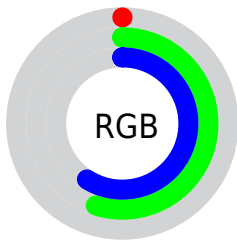
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 73, 150
Decimal	36246
CIELab	53.22, -28.00, -13.85
CIELCh	53, 31.235, 206.316
Yxy	21.2518, 0.2196, 0.3105
Android (android.graphics.Color)	4278226326 (0xFF008D96)
YUV	99.8670, 24.7156, -87.5834
Hunter-Lab	46.0996, -22.4779, -9.0973

# Details

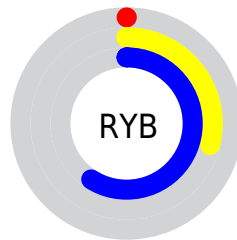
The Hex color **008D96** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **960900**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **58C3CC**, and **005A63** is the 20% darker color. If you saturate the color by 10%, you get **008D96**, and if you desaturate by 10%, it is **0F8E96**.

# Distribution



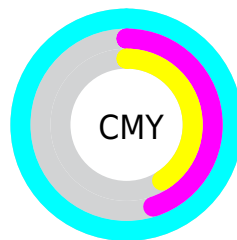
- Red (0%)
- Green (55%)
- Blue (59%)



- Red (0%)
- Yellow (29%)
- Blue (59%)



- Cyan (100%)
- Magenta (6%)
- Yellow (0%)
- Black (41%)



- Cyan (100%)
- Magenta (45%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 008D96 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 008D96 by changing the saturation by 10% instead.



 008D96

 008D96

FFFFFF

 00737C

 58C3CC

 005A63

 76DFE8

 00424B

 94FCFF

 002B35

 B1FFFF

 001520

 CFFFFFF

 000005

 EDFFFF

 000000

 008D96

 0F8E96

 1E8F96

 2D9096

 3C9196

 4B9296

 5A9296

 699396

 789496

 879596

# Harmonies

## Analogous

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



348D7B



008D96



1D8AAB

# Triad

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



008D96



9E709D



947C49

# Complementary

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



008D96



960900

# 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.



A87353



008D96



B06A84

# Square

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



008D96



7D79AF



B36C69



78854E

# Rectangle

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



008D96



4185B3



B36C69



9B794B



# Sweetspot

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



008D96



88BEC2



009607



3E5F61



E0E0E0



616161



# Same Dimension

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



008D96



00B6C2



004496



434A4A



00818A



000A0A



# Inverse Universe

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



96008D



C200B6



965200



4A434A



8A0081



0A000A



# Previews

## White Background



This preview shows how the Hex color 008D96 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



This preview shows how the Hex color 008D96 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

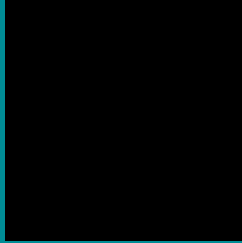
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 008D96 Background



This preview shows how black text looks on a background with the Hex color 008D96.



This preview shows how white text looks on a background with the Hex color 008D96.

# 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**  
0D8D98

# Trichromacy



**Original Color**  
008D96



**Protanomaly**  
508390



**Deuteranomaly**  
508299



**Tritanomaly**  
088D97

# Monochromacy



**Original Color**  
008D96



**Achromatopsia**  
646464



**Achromatomaly**  
407376

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 008D96 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 #008D96 looks like.

```
.text, #text, p{  
    color:#008D96  
}
```

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 #008D96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008D96
}
```

## Border

The CSS property to change the border of an element to Hex 008D96 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
#008D96 }
```

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

```
.border{ border-color:#008D96 }
```

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

Here you see how a box with a 4 pixel #008D96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008D96; -webkit-box-shadow:4px 4px  
4px 4px #008D96; box-shadow:4px 4px 4px  
4px #008D96 }
```

# Background

The CSS property to change the background color of an element to Hex 008D96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008D96 }
```

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

```
.background{ background-color:#008D96 }
```

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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