

Converting Colors

Hex(008096)

Have a look what the booklet for
Hex(008096) contains.

Hex(008096)	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(008096)

Conversions

Conversions Part 1

Format	Color
Hex	008096
RGB	0, 128, 150
RGB Percent	0%, 50%, 59%
CMY	1.0000, 0.4980, 0.4118
CMYK	1.00, 0.15, 0.00, 0.41
HSL	189°, 100%, 29%
HSV	189°, 100%, 59%
XYZ	13.2242, 17.6404, 31.5621
YIQ	92.2360, -83.3500, -20.2940

Conversions

Conversions Part 2

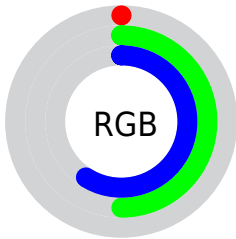
Format	Color
R_{YB}	0, 69, 150
Decimal	32918
CIE _{Lab}	49.06, -21.33, -20.20
CIE _{LCh}	49, 29.374, 223.435
Yxy	17.6404, 0.2118, 0.2826
Android (android.graphics.Color)	4278222998 (0xFF008096)
YUV	92.2360, 28.4777, -80.8910
Hunter-Lab	42.0004, -17.2985, -15.1544

Details

The Hex color **008096** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **961600**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **56B5CC**, and **004E63** is the 20% darker color. If you saturate the color by 10%, you get **008096**, and if you desaturate by 10%, it is **0F8296**.

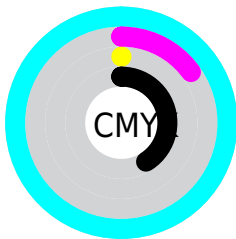
Distribution



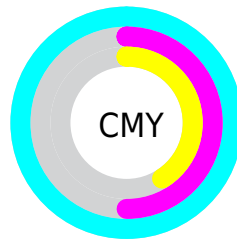
- Red (0%)
- Green (50%)
- Blue (59%)



- Red (0%)
- Yellow (27%)
- Blue (59%)



- Cyan (100%)
- Magenta (15%)
- Yellow (0%)
- Black (41%)



- Cyan (100%)
- Magenta (50%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008096 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 008096 by changing the saturation by 10% instead.

 008096

 008096

FFFFFF

 00677C

 56B5CC

 004E63

 74D1E8

 00374B

 91EDFF

 002234

 AEFFFF

 000220

 CCFFFF

 000003

 EAFFFF

 000000

 008096

 0F8296

 1E8496

 2D8796

 3C8996

 4B8B96

 5A8D96

 698F96

 789296

 879496

Harmonies

Analogous

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



16827F



008096



367BA4

Triad

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



008096



9C6383



7A7743

Complementary

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



008096



961600

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.



916E45



008096



A5616A

Square

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



008096



866A99



A06653



5E7D50

Rectangle

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



008096



5576A6



A06653



827442

Sweetspot

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



008096



88B9C2



009614



3E5C61



E0E0E0



616161

Same Dimension

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



008096



00A5C2



003796



43494A



00768A



00090A

Inverse Universe

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



960080



C200A5



965F00



4A4349



8A0076



0A0009

Previews

White Background



This preview shows how the Hex color 008096 looks on a white background.

Color Contrast Check

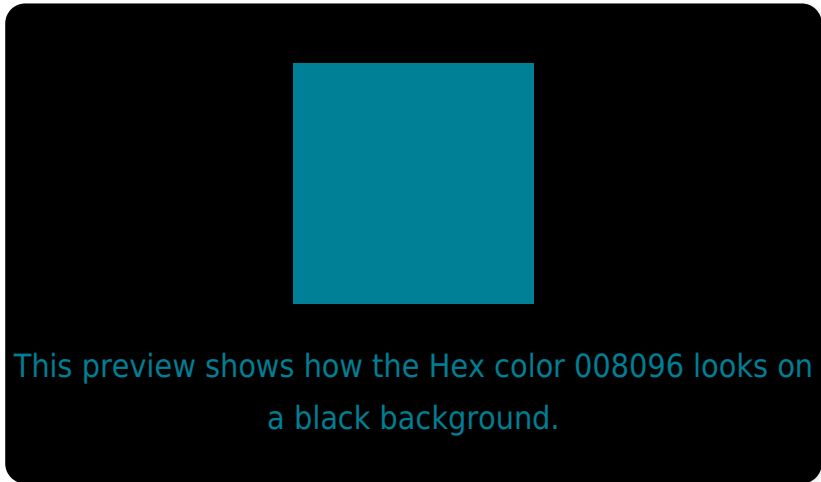
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

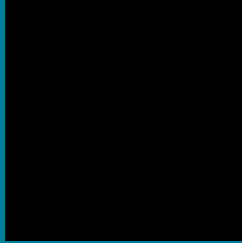
Any Text WCAG AA ✓ Pass

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 008096 Background



This preview shows how black text looks on a background with the Hex color 008096.

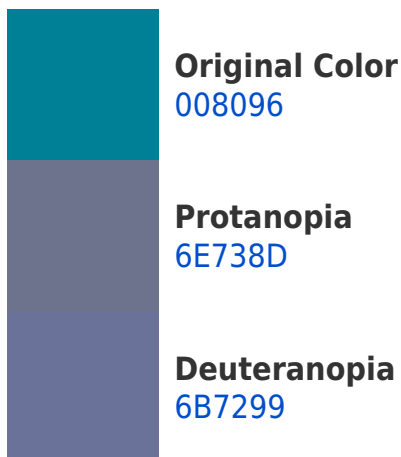


This preview shows how white text looks on a background with the Hex color 008096.

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
00818B

Trichromacy



Original Color
008096

Protanomaly
467890

Deuteranomaly
447798

Tritanomaly
00818F

Monochromacy



Original Color
008096

Achromatopsia
5C5C5C

Achromatomaly
3B6971

CSS Examples

Text

The CSS property to change the color of the text to Hex 008096 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 #008096 looks like.

```
.text, #text, p{  
    color:#008096  
}
```

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 #008096 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008096
}
```

Border

The CSS property to change the border of an element to Hex 008096 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
#008096 }
```

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

```
.border{ border-color:#008096 }
```

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

Here you see how a box with a 4 pixel #008096 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008096; -webkit-box-shadow:4px 4px  
4px 4px #008096; box-shadow:4px 4px 4px  
4px #008096 }
```

Background

The CSS property to change the background color of an element to Hex 008096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008096 }
```

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

```
.background{ background-color:#008096 }
```

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