

# Converting Colors

Hex(068D93)

Have a look what the booklet for  
Hex(068D93) contains.

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# Color

Hex(068D93)

# Conversions

## Conversions Part 1

Format	Color
Hex	068D93
RGB	6, 141, 147
RGB Percent	2%, 55%, 58%
CMY	0.9765, 0.4471, 0.4235
CMYK	0.96, 0.04, 0.00, 0.42
HSL	183°, 92%, 30%
HSV	183°, 96%, 58%
XYZ	14.8664, 21.1951, 30.9113
YIQ	101.3190, -82.3860, -26.7540

# Conversions

## Conversions Part 2

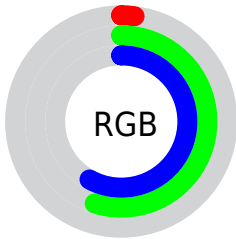
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 75, 147
Decimal	429459
CIELab	53.16, -28.72, -12.20
CIELCh	53, 31.201, 203.020
Yxy	21.1951, 0.2220, 0.3165
Android (android.graphics.Color)	4278619539 (0xFF068D93)
YUV	101.3190, 22.5207, -83.5948
Hunter-Lab	46.0381, -22.9261, -7.5823

# Details

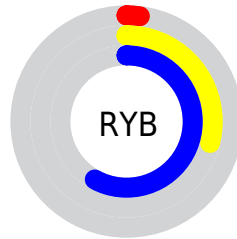
The Hex color **068D93** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **930C06**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **59C3C9**, and **005A60** is the 20% darker color. If you saturate the color by 10%, you get **008D93**, and if you desaturate by 10%, it is **158E93**.

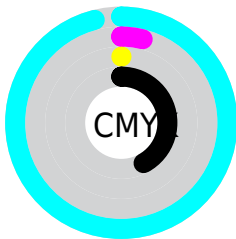
# Distribution



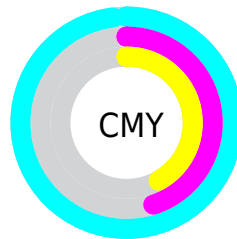
- Red (2%)
- Green (55%)
- Blue (58%)



- Red (2%)
- Yellow (29%)
- Blue (58%)



- Cyan (96%)
- Magenta (4%)
- Yellow (0%)
- Black (42%)



- Cyan (98%)
- Magenta (45%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 068D93 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 068D93 by changing the saturation by 10% instead.



 068D93

 068D93

FFFFFF

 007379

 59C3C9

 005A60

 77DFE5

 004249

 94FCFF

 002B32

 B2FFFF

 00141D

 CFFFFFF

 000001

 EDFFFF

 000000

 068D93

 068D93

 008D93

 158E93

■ 238E93

■ 328F93

■ 419093

■ 509093

■ 5E9193

■ 6D9193

■ 7C9293

■ 8A9393

# Harmonies

## Analogous

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



388D78



068D93



168AA9

# Triad

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



068D93



9B71A0



967B49

# Complementary

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



068D93



930C06

# 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.



AA7255



068D93



AE6A86

# Square

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



068D93



797AB0



B36B6B



7B844D

# Rectangle

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



068D93



3B86B2



B36B6B



9E784C



# Sweetspot

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



068D93



88BDBF



06930B



3F5F61



E0E0E0



616161



# Same Dimension

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



068D93



00B7BF



064893



434A4A



00848A



000A0A



# Inverse Universe

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



93068D



BF00B7



935106



4A434A



8A0084



0A000A



# Previews

## White Background



This preview shows how the Hex color 068D93 looks on a white background.

## Color Contrast Check

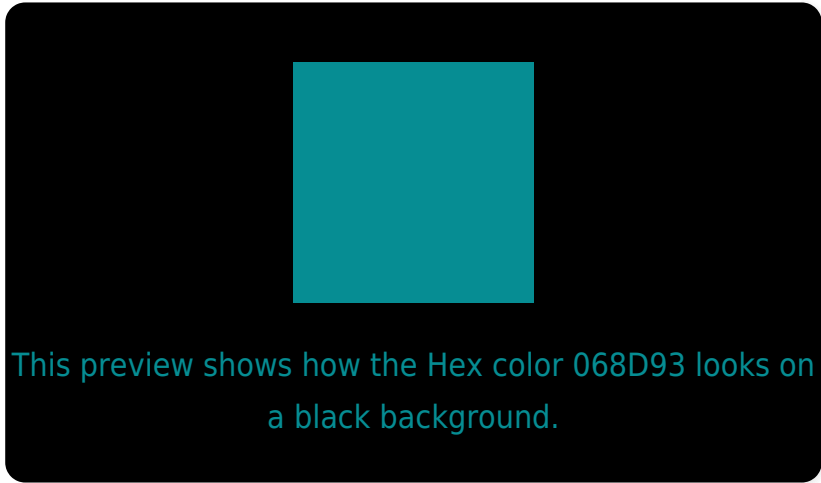
Large Text (above 18pt) WCAG AA ✓ Pass

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

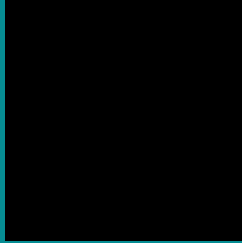
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 068D93 Background



This preview shows how black text looks on a background with the Hex color 068D93.

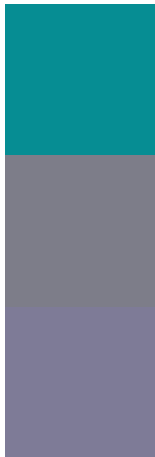


This preview shows how white text looks on a background with the Hex color 068D93.

# 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](#).

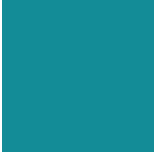
## Dichromacy



**Original Color**  
068D93

**Protanopia**  
7D7D89

**Deuteranopia**  
7E7B97



**Tritanopia**  
138C98

# Trichromacy



**Original Color**  
068D93



**Protanomaly**  
52838D



**Deuteranomaly**  
528296



**Tritanomaly**  
0E8C96

# Monochromacy



**Original Color**  
068D93



**Achromatopsia**  
656565



**Achromatomaly**  
427476

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 068D93 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 #068D93 looks like.

```
.text, #text, p{  
    color:#068D93  
}
```

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 #068D93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #068D93
}
```

## Border

The CSS property to change the border of an element to Hex 068D93 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
#068D93 }
```

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

```
.border{ border-color:#068D93 }
```

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

Here you see how a box with a 4 pixel #068D93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #068D93; -webkit-box-shadow:4px 4px  
4px 4px #068D93; box-shadow:4px 4px 4px  
4px #068D93 }
```

# Background

The CSS property to change the background color of an element to Hex 068D93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#068D93 }
```

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

```
.background{ background-color:#068D93 }
```

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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