

# Converting Colors

Hex(096E96)

Have a look what the booklet for  
Hex(096E96) contains.

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# Color

**Hex(096E96)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	096E96
RGB	9, 110, 150
RGB Percent	4%, 43%, 59%
CMY	0.9647, 0.5686, 0.4118
CMYK	0.94, 0.27, 0.00, 0.41
HSL	197°, 89%, 31%
HSV	197°, 94%, 59%
XYZ	11.1936, 13.4119, 30.8530
YIQ	84.3610, -73.0360, -8.9720

# Conversions

## Conversions Part 2

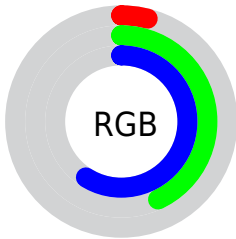
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	9, 68, 150
Decimal	618134
CIE <sub>Lab</sub>	43.38, -10.85, -28.99
CIE <sub>LCh</sub>	43, 30.954, 249.473
Yxy	13.4119, 0.2018, 0.2418
Android (android.graphics.Color)	4278808214 (0xFF096E96)
YUV	84.3610, 32.3600, -66.0916
Hunter-Lab	36.6223, -9.5306, -24.3140

# Details

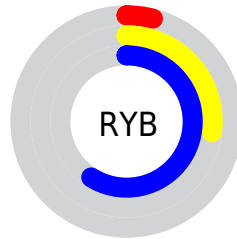
The Hex color **096E96** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **963109**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **56A2CC**, and **003F63** is the 20% darker color. If you saturate the color by 10%, you get **006B96**, and if you desaturate by 10%, it is **187296**.

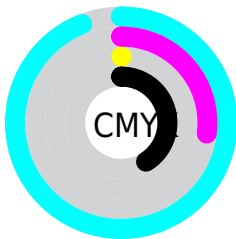
# Distribution



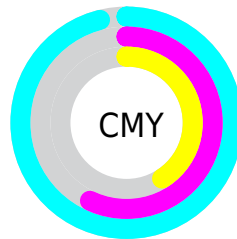
- Red (4%)
- Green (43%)
- Blue (59%)



- Red (4%)
- Yellow (27%)
- Blue (59%)



- Cyan (94%)
- Magenta (27%)
- Yellow (0%)
- Black (41%)



- Cyan (96%)
- Magenta (57%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 096E96 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 096E96 by changing the saturation by 10% instead.



 096E96

 096E96

FFFFFF


 00567C

 56A2CC

 003F63

 74BDE9

 00294B

 91D8FF

 001534

 ADF5FF

 00021E

 CBFFFF

 000001

 E8FFFF

 000000

 096E96

 096E96

 006B96

 187296

■ 277796

■ 367B96

■ 457F96

■ 548396

■ 638896

■ 728C96

■ 819096

■ 909496

# Harmonies

## Analogous

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



007286



096E96



4C6699

# Triad

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



096E96



97525F



536E3E

# Complementary

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



096E96



963109

# 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.



6F6833



096E96



945647

# Square

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



096E96



8D5479



855F36



307254

# Rectangle

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



096E96



686093



855F36



5D6C39



# Sweetspot

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



096E96



8CB2C2



099631



405861



E0E0E0



616161



# Same Dimension

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



096E96



008BC2



092896



43484A



00638A



00070A



# Inverse Universe

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



96096E



C2008B



967709



4A4348



8A0063



0A0007



# Previews

## White Background



This preview shows how the Hex color 096E96 looks on a white background.

## Color Contrast Check

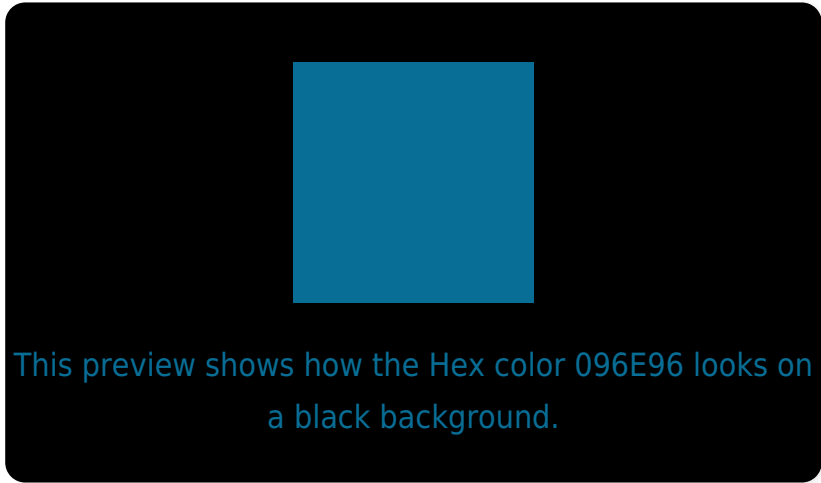
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

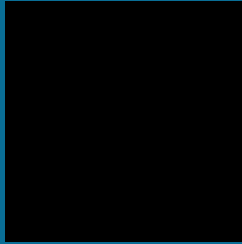
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 096E96 Background



This preview shows how black text looks on a background with the Hex color 096E96.



This preview shows how white text looks on a background with the Hex color 096E96.

# 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



# Trichromacy



**Original Color**  
096E96

**Protanomaly**  
3C6892

**Deuteranomaly**  
366997

# Monochromacy



**Original Color**  
096E96

**Achromatopsia**  
545454

**Achromatomaly**  
395D6C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 096E96 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 #096E96 looks like.

```
.text, #text, p{  
    color:#096E96  
}
```

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 #096E96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #096E96
}
```

## Border

The CSS property to change the border of an element to Hex 096E96 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
#096E96 }
```

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

```
.border{ border-color:#096E96 }
```

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

Here you see how a box with a 4 pixel #096E96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #096E96; -webkit-box-shadow:4px 4px  
4px 4px #096E96; box-shadow:4px 4px 4px  
4px #096E96 }
```

# Background

The CSS property to change the background color of an element to Hex 096E96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#096E96 }
```

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

```
.background{ background-color:#096E96 }
```

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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