

# Converting Colors

Hex(016E98)

Have a look what the booklet for  
Hex(016E98) contains.

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# Color

**Hex(016E98)**

# Conversions

## Conversions Part 1

Format	Color
Hex	016E98
RGB	1, 110, 152
RGB Percent	0%, 43%, 60%
CMY	0.9961, 0.5686, 0.4039
CMYK	0.99, 0.28, 0.00, 0.40
HSL	197°, 99%, 30%
HSV	197°, 99%, 60%
XYZ	11.2559, 13.4253, 31.7039
YIQ	82.1970, -78.4460, -10.0460

# Conversions

## Conversions Part 2

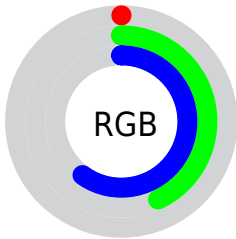
<b>Format</b>	<b>Color</b>
<b>RYB</b>	1, 64, 152
Decimal	93848
CIELab	43.40, -10.48, -30.15
CIELCh	43, 31.922, 250.825
Yxy	13.4253, 0.1996, 0.2381
Android (android.graphics.Color)	4278283928 (0xFF016E98)
YUV	82.1970, 34.4129, -71.2098
Hunter-Lab	36.6406, -9.2860, -25.6533

# Details

The Hex color **016E98** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **982B01**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **55A1CF**, and **003F65** is the 20% darker color. If you saturate the color by 10%, you get **006E98**, and if you desaturate by 10%, it is **107298**.

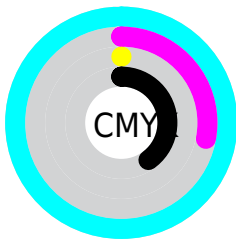
# Distribution



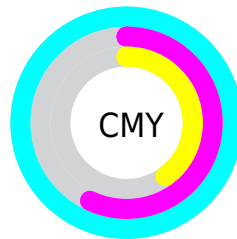
- Red (0%)
- Green (43%)
- Blue (60%)



- Red (0%)
- Yellow (25%)
- Blue (60%)



- Cyan (99%)
- Magenta (28%)
- Yellow (0%)
- Black (40%)



- Cyan (100%)
- Magenta (57%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 016E98 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 016E98 by changing the saturation by 10% instead.



016E98

016E98

FFFFFF

00567E

55A1CF

003F65

72BDEB

00294D

8FD8FF

001536

ACF5FF

000220

CAFFFF

000004

E7FFFF

000000

016E98

016E98

006E98

107298

■ 1F7698

■ 2F7B98

■ 3E7F98

■ 4D8398

■ 5C8798

■ 6B8C98

■ 7B9098

■ 8A9498

# Harmonies

## Analogous

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



007388



016E98



4D669A

# Triad

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



016E98



99515E



516F3D

# Complementary

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



016E98



982B01

# 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.



6D6831



016E98



955645

# Square

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



016E98



8F5379



855F34



2C7354

# Rectangle

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



016E98



6A5F94



855F34



5B6D38



# Sweetspot

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



016E98



89B4C4



019829



405963



E3E3E3



636363



# Same Dimension

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



016E98



008EC4



012498



454A4D



00658C



00090D



# Inverse Universe

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



98016E



C4008E



987501



4D454A



8C0065



0D0009



# Previews

## White Background



This preview shows how the Hex color 016E98 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

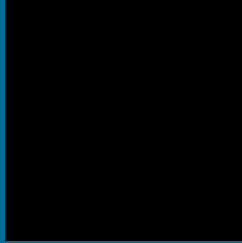
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 016E98 Background



This preview shows how black text looks on a background with the Hex color 016E98.



This preview shows how white text looks on a background with the Hex color 016E98.

# 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**  
00727A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 016E98 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 #016E98 looks like.

```
.text, #text, p{  
    color:#016E98  
}
```

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 #016E98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #016E98
}
```

## Border

The CSS property to change the border of an element to Hex 016E98 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
#016E98 }
```

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

```
.border{ border-color:#016E98 }
```

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

Here you see how a box with a 4 pixel #016E98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #016E98; -webkit-box-shadow:4px 4px  
4px 4px #016E98; box-shadow:4px 4px 4px  
4px #016E98 }
```

# Background

The CSS property to change the background color of an element to Hex 016E98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#016E98 }
```

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

```
.background{ background-color:#016E98 }
```

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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