

# Converting Colors

Hex(006177)

Have a look what the booklet for  
Hex(006177) contains.

|  |    |
|--|----|
| <b>Hex(006177)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# Color

**Hex(006177)**

# Conversions

| Conversions Part 1 |                             |
|--------------------|-----------------------------|
| Format             | Color                       |
| Hex                | 006177                      |
| RGB                | 0, 97, 119                  |
| RGB Percent        | 0%, 38%, 47%                |
| CMY                | 1.0000, 0.6196, 0.5333      |
| CMYK               | 1.00, 0.18, 0.00, 0.53      |
| HSL                | 191°, 100%, 23%             |
| HSV                | 191°, 100%, 47%             |
| XYZ                | 7.6045, 9.8813, 18.9592     |
| YIQ                | 70.5050, -64.8740, -13.7220 |

# Conversions

## Conversions Part 2

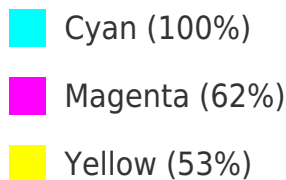
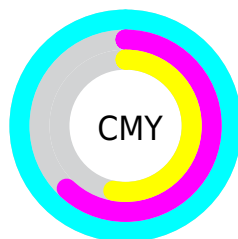
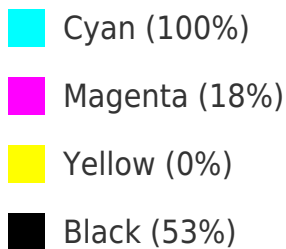
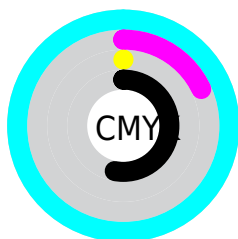
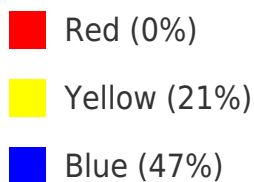
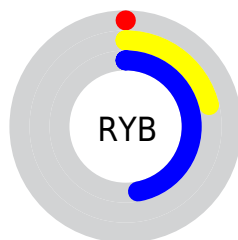
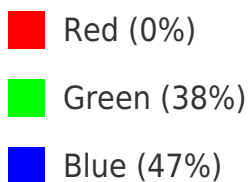
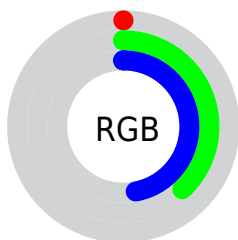
| Format                              | Color                                       |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">0, 53, 119</a>                  |
| Decimal                             | <a href="#">24951</a>                       |
| CIELab                              | <a href="#">37.63, -15.71, -19.22</a>       |
| CIELCh                              | <a href="#">38, 24.821, 230.742</a>         |
| Yxy                                 | <a href="#">9.8813, 0.2087, 0.2711</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4278215031</a><br>(0xFF006177)  |
| YUV                                 | <a href="#">70.5050, 23.9080, -61.8329</a>  |
| Hunter-Lab                          | <a href="#">31.4345, -11.8287, -13.7557</a> |

# Details

The Hex color **006177** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **771600**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **4C94AB**, and **003247** is the 20% darker color. If you saturate the color by 10%, you get **006177**, and if you desaturate by 10%, it is **0C6377**.

# Distribution



# Brightness & Saturation Gradients

These gradients show how the Hex color 006177 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 006177 by changing the saturation by 10% instead.

 006177

 006177

FFFFFF

 00495E

 4C94AB

 003247

 68AEC7

 001E30

 84CAE3

 00011B

 A0E6FF

 000000

 BCFFFF

 D9FFFF

 F7FFFF

 006177

■ 0C6377

■ 186577

■ 246877

■ 306A77

■ 3B6C77

■ 476E77

■ 537077

■ 5F7377

■ 6B7577

# Harmonies

## Analogous

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



006366



006177



2F5C80

# Triad

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



006177



7B4960



585C32

# Complementary

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



006177



771600

# 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.



6B5531



006177



7F494B

# Square

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



006177



6C4E72



794E3A



40603E

# Rectangle

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



006177



475880



794E3A



5E5A31

# Sweetspot

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



006177



6D939C



007716



334A4F



CFCFCF



4F4F4F



# Same Dimension

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



006177



007F9C



002677



353A3B



00647A



00CCFA



# Inverse Universe

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



770061



9C007F



775100



3B353A



7A0064



FA00CC



# Previews

## White Background



This preview shows how the Hex color 006177 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 ✓ Pass

# Black Background



This preview shows how the Hex color 006177 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

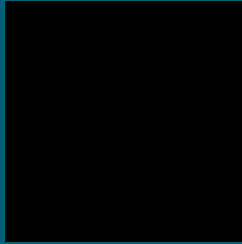
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

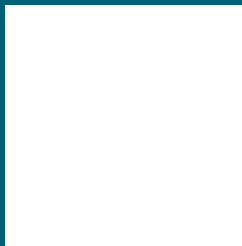
Any Text WCAG AAA × Fail

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

## Hex 006177 Background



This preview shows how black text looks on a background with the Hex color 006177.

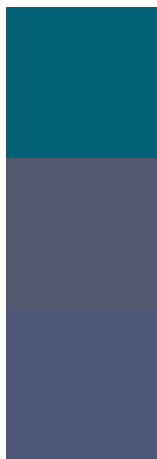


This preview shows how white text looks on a background with the Hex color 006177.

# 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**  
006177

**Protanopia**  
525870

**Deuteranopia**  
4F5779






**Tritanopia**  
00636A

# Trichromacy

|   |                                 |
|---|---------------------------------|
|  | <b>Original Color</b><br>006177 |
|  | <b>Protanomaly</b><br>345B73    |
|  | <b>Deuteranomaly</b><br>325B78  |
|  | <b>Tritanomaly</b><br>00626F    |

# Monochromacy

|   |                                 |
|---|---------------------------------|
|   | <b>Original Color</b><br>006177 |
|  | <b>Achromatopsia</b><br>474747  |
|  | <b>Achromatomaly</b><br>2D5058  |

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 006177 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 #006177 looks like.

```
.text, #text, p{  
    color:#006177  
}
```

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 #006177 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006177
}
```

## Border

The CSS property to change the border of an element to Hex 006177 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
#006177 }
```

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

```
.border{ border-color:#006177 }
```

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

Here you see how a box with a 4 pixel #006177 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006177; -webkit-box-shadow:4px 4px  
4px 4px #006177; box-shadow:4px 4px 4px  
4px #006177 }
```

# Background

The CSS property to change the background color of an element to Hex 006177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006177 }
```

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

```
.background{ background-color:#006177 }
```

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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