

# Converting Colors

Hex(176B72)

Have a look what the booklet for  
Hex(176B72) contains.

<b>Hex(176B72)</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(176B72)**

# Conversions

## Conversions Part 1

Format	Color
Hex	176B72
RGB	23, 107, 114
RGB Percent	9%, 42%, 45%
CMY	0.9098, 0.5804, 0.5529
CMYK	0.80, 0.06, 0.00, 0.55
HSL	185°, 66%, 27%
HSV	185°, 80%, 45%
XYZ	8.6483, 11.9125, 17.7631
YIQ	82.6820, -52.3110, -15.6310

# Conversions

## Conversions Part 2

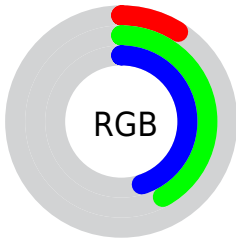
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	23, 67, 114
Decimal	1534834
CIE <sub>Lab</sub>	41.08, -21.13, -10.87
CIE <sub>LCh</sub>	41, 23.765, 207.230
Yxy	11.9125, 0.2257, 0.3108
Android (android.graphics.Color)	4279724914 (0xFF176B72)
YUV	82.6820, 15.4398, -52.3411
Hunter-Lab	34.5144, -15.6733, -6.3540

# Details

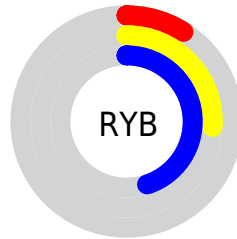
The Hex color **176B72** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **721E17**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **549FA6**, and **003B42** is the 20% darker color. If you saturate the color by 10%, you get **0C6A72**, and if you desaturate by 10%, it is **226C72**.

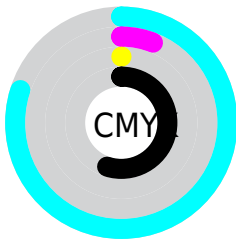
# Distribution



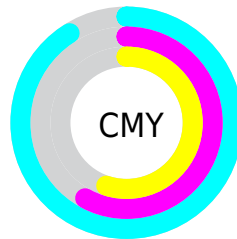
- Red (9%)
- Green (42%)
- Blue (45%)



- Red (9%)
- Yellow (26%)
- Blue (45%)



- Cyan (80%)
- Magenta (6%)
- Yellow (0%)
- Black (55%)




- Cyan (91%)
- Magenta (58%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 176B72 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 176B72 by changing the saturation by 10% instead.



 176B72

 176B72

FFFFFF

 00535A

 549FA6

 003B42

 70BAC1

 00252C

 8BD6DD

 000918

 A7F2F9

 000000

 C4FFFF

 E1FFFF

 FEFFFF

 176B72

 176B72

■ 0C6A72

■ 226C72

■ 006972

■ 2E6D72

■ 396E72

■ 456F72

■ 506F72

■ 5B7072

■ 677172

■ 727272

■ 7E7372

# Harmonies

## Analogous

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



2C6B5E



176B72



236881

# Triad

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



176B72



785676



705F3A

# Complementary

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



176B72



721E17

# 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.



7F5841



176B72



855263

# Square

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



176B72



615C83



875350



5C653E

# Rectangle

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



176B72



376586



875350



755D3B



# Sweetspot

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



176B72



709194



17721D



35484A



C9C9C9



4A4A4A



# Same Dimension

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



176B72



068994



173E72



323838



006F78



00E4F7



# Inverse Universe

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



72176B



940689



724B17



383238



78006F

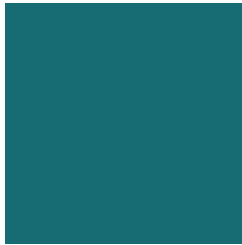


F700E4



# Previews

## White Background



This preview shows how the Hex color 176B72 looks on a white background.

## Color Contrast Check

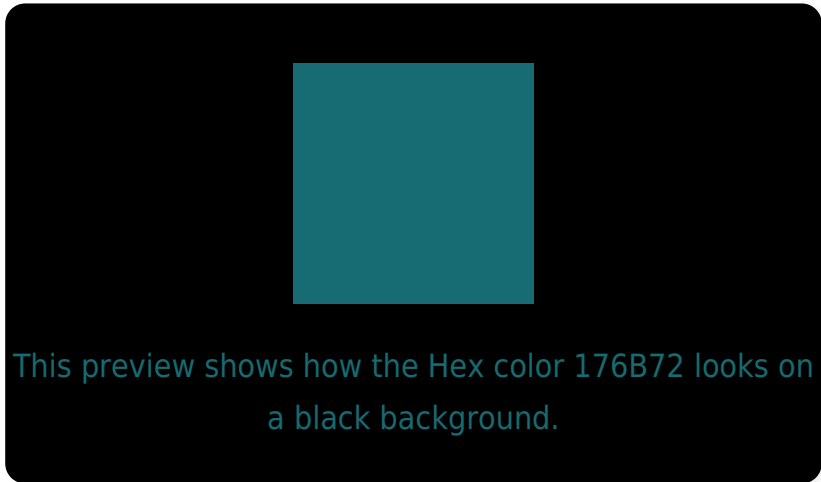
Large Text (above 18pt) WCAG AA ✓ Pass

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

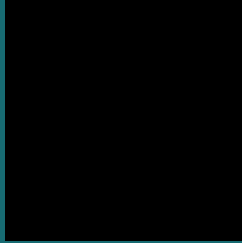
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 176B72 Background



This preview shows how black text looks on a background with the Hex color 176B72.

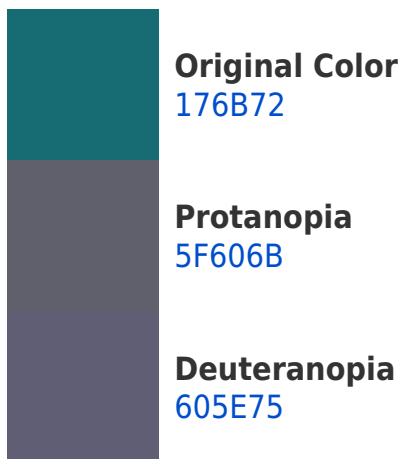


This preview shows how white text looks on a background with the Hex color 176B72.

# 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](#).

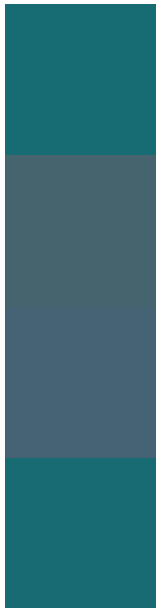
## Dichromacy





**Tritanopia**  
186B73

# Trichromacy



**Original Color**  
176B72

**Protanomaly**  
45646E

**Deuteranomaly**  
456374

**Tritanomaly**  
186B73

# Monochromacy



**Original Color**  
176B72

**Achromatopsia**  
535353

**Achromatomaly**  
3D5C5E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 176B72 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 #176B72 looks like.

```
.text, #text, p{  
    color:#176B72  
}
```

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 #176B72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #176B72
}
```

## Border

The CSS property to change the border of an element to Hex 176B72 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
#176B72 }
```

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

```
.border{ border-color:#176B72 }
```

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

Here you see how a box with a 4 pixel #176B72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #176B72; -webkit-box-shadow:4px 4px  
4px 4px #176B72; box-shadow:4px 4px 4px  
4px #176B72 }
```

# Background

The CSS property to change the background color of an element to Hex 176B72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#176B72 }
```

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

```
.background{ background-color:#176B72 }
```

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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