

# Converting Colors

Hex(176758)

Have a look what the booklet for  
Hex(176758) contains.

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# Color

**Hex(176758)**

# Conversions

## Conversions Part 1

Format	Color
Hex	176758
RGB	23, 103, 88
RGB Percent	9%, 40%, 35%
CMY	0.9098, 0.5961, 0.6549
CMYK	0.78, 0.00, 0.15, 0.60
HSL	169°, 63%, 25%
HSV	169°, 78%, 40%
XYZ	6.9650, 10.5872, 10.9090
YIQ	77.3700, -42.8650, -21.6250

# Conversions

## Conversions Part 2

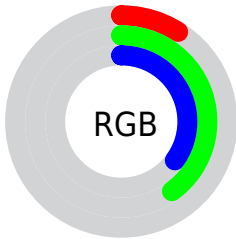
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	23, 67, 103
Decimal	1533784
CIE <sub>Lab</sub>	38.88, -27.30, 1.72
CIE <sub>LCh</sub>	39, 27.357, 176.387
Yxy	10.5872, 0.2447, 0.3720
Android (android.graphics.Color)	4279723864 (0xFF176758)
YUV	77.3700, 5.2406, -47.6825
Hunter-Lab	32.5380, -18.7321, 2.8986

# Details

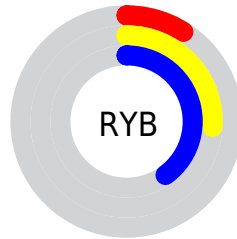
The Hex color **176758** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **671726**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **519B8A**, and **00372B** is the 20% darker color. If you saturate the color by 10%, you get **0D6756**, and if you desaturate by 10%, it is **21675A**.

# Distribution



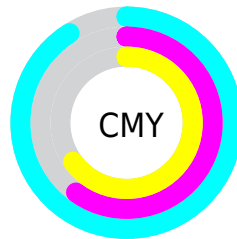
- Red (9%)
- Green (40%)
- Blue (35%)



- Red (9%)
- Yellow (26%)
- Blue (40%)



- Cyan (78%)
- Magenta (0%)
- Yellow (15%)
- Black (60%)



- Cyan (91%)
- Magenta (60%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 176758 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 176758 by changing the saturation by 10% instead.




 176758

 176758

FFFFFF

 004F41

 519B8A

 00372B

 6CB6A4

 002216

 87D1BF


 000000

 A2EEDB

 BEFFF7

 DBFFFF

 F8FFFF

 176758

 176758

■ 0D6756

■ 21675A

■ 026754

■ 2C675C

■ 006754

■ 36675E

■ 406760

■ 4B6762

■ 556764

■ 5F6766

■ 696767

■ 746769

# Harmonies

## Analogous

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



3B6542



176758



00676F

# Triad

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



176758



5A5783



7D5137

# Complementary

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



176758



671726

# 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.



864B49



176758



754F74

# Square

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



176758



335F88



844A5F



6C592F

# Rectangle

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



176758



00657B



844A5F



814F3C



# Sweetspot

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



176758



688781



276717



324541



C4C4C4



454545



# Same Dimension

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



176758



098770



174F67



2E3332



00735D



00F2C5



# Inverse Universe

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



671726



870921



672F17



332E2F



730016



F2002D



# Previews

## White Background



This preview shows how the Hex color 176758 looks on a white background.

## Color Contrast Check

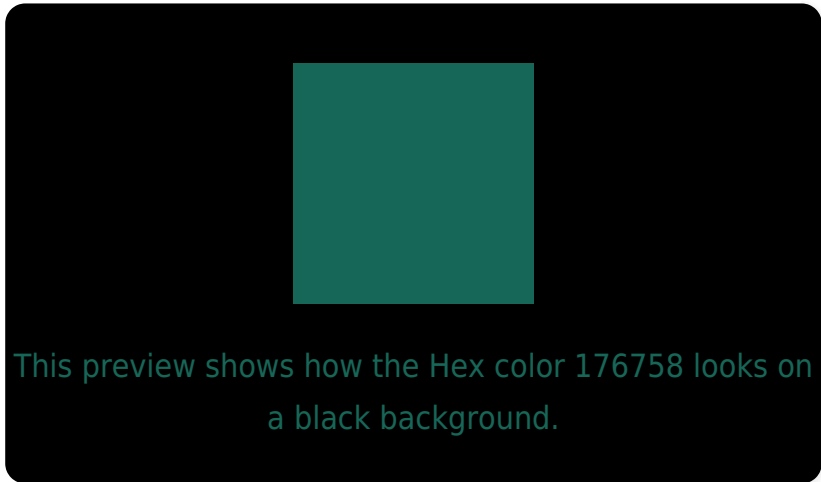
Large Text (above 18pt) WCAG AA ✓ Pass

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

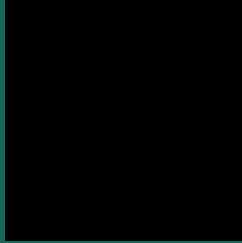
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 176758 Background



This preview shows how black text looks on a background with the Hex color 176758.



This preview shows how white text looks on a background with the Hex color 176758.

# 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**  
176758

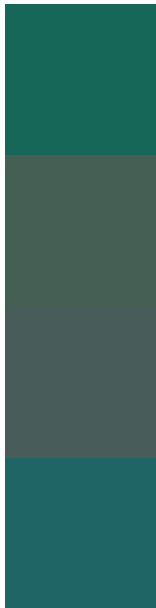
**Protanopia**  
5F5B52

**Deuteranopia**  
64585B



**Tritanopia**  
24646C

# Trichromacy



**Original Color**  
176758

**Protanomaly**  
455F54

**Deuteranomaly**  
485D5A

**Tritanomaly**  
1F6565

# Monochromacy



**Original Color**  
176758

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
395651

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 176758 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 #176758 looks like.

```
.text, #text, p{  
    color:#176758  
}
```

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 #176758 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #176758
}
```

## Border

The CSS property to change the border of an element to Hex 176758 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
#176758 }
```

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

```
.border{ border-color:#176758 }
```

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

Here you see how a box with a 4 pixel #176758 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #176758; -webkit-box-shadow:4px 4px  
4px 4px #176758; box-shadow:4px 4px 4px  
4px #176758 }
```

# Background

The CSS property to change the background color of an element to Hex 176758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#176758 }
```

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

```
.background{ background-color:#176758 }
```

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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