

Converting Colors

Hex(11776C)

Have a look what the booklet for
Hex(11776C) contains.

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Color

Hex(11776C)

Conversions

Conversions Part 1

Format	Color
Hex	11776C
RGB	17, 119, 108
RGB Percent	7%, 47%, 42%
CMY	0.9333, 0.5333, 0.5765
CMYK	0.86, 0.00, 0.09, 0.53
HSL	174°, 75%, 27%
HSV	174°, 86%, 47%
XYZ	9.5348, 14.3955, 16.4634
YIQ	87.2480, -57.2610, -25.0450

Conversions

Conversions Part 2

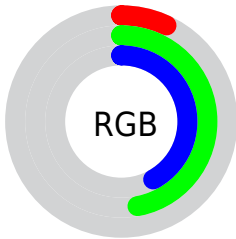
Format	Color
RYB	17, 71, 119
Decimal	1144684
CIELab	44.79, -29.72, -1.73
CIELCh	45, 29.773, 183.332
Yxy	14.3955, 0.2360, 0.3564
Android (android.graphics.Color)	4279334764 (0xFF11776C)
YUV	87.2480, 10.2307, -61.6075
Hunter-Lab	37.9414, -21.5401, 0.8321

Details

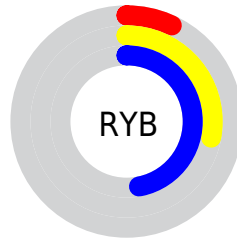
The Hex color **11776C** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **77111C**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **53AC9F**, and **00463D** is the 20% darker color. If you saturate the color by 10%, you get **05776B**, and if you desaturate by 10%, it is **1D776D**.

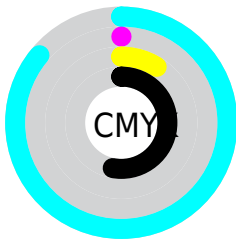
Distribution



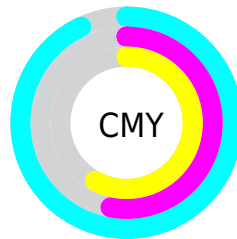
- Red (7%)
- Green (47%)
- Blue (42%)



- Red (7%)
- Yellow (28%)
- Blue (47%)



- Cyan (86%)
- Magenta (0%)
- Yellow (9%)
- Black (53%)



- Cyan (93%)
- Magenta (53%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 11776C 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 11776C by changing the saturation by 10% instead.

■ 11776C

■ 11776C

FFFFFF

■ 005E54

■ 53AC9F

■ 00463D

■ 6FC7BA

■ 002F27

■ 8BE4D6

■ 001A13

■ A7FFF2

■ 000000

■ C4FFFF

■ E1FFFF

■ 11776C

■ 11776C

■ 05776B

■ 1D776D

■ 00776A

■ 29776F

■ 357770

■ 417771

■ 4C7772

■ 587774

■ 647775

■ 707776

■ 7C7778

Harmonies

Analogous

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



3E7553



11776C



007684

Triad

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



11776C



706293



8C613E

Complementary

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



11776C



77111C

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.



985950



11776C



8B5A81

Square

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



11776C



486C9B



995668



776938

Rectangle

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



11776C



007491



995668



915E43

Sweetspot

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



11776C



739C97



1D7711



374F4C



CFCFCF



4F4F4F

Same Dimension

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



11776C



009C8B



115077



353B3A



007A6D



00FADF

Inverse Universe

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



77111C



9C0011



773811



3B3535



7A000D



FA001B

Previews

White Background



This preview shows how the Hex color 11776C looks on a white background.

Color Contrast Check

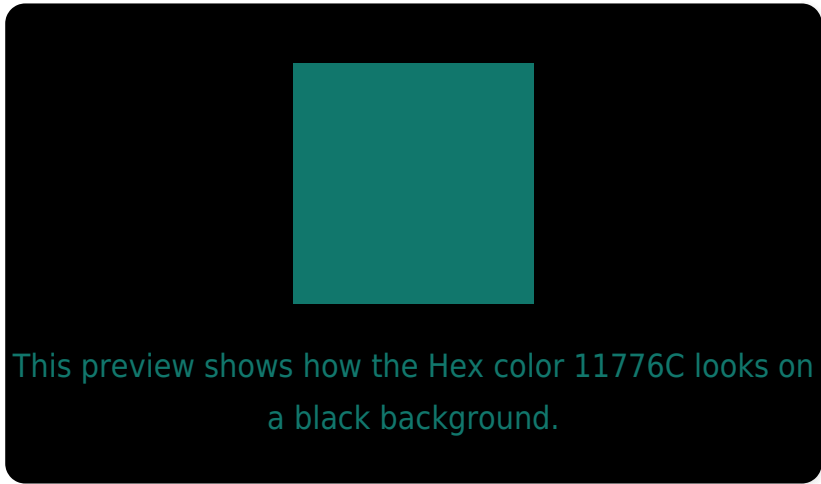
Large Text (above 18pt) WCAG AA ✓ Pass

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

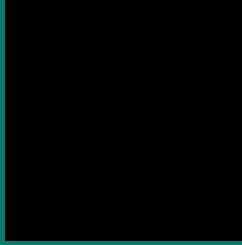
Any Text WCAG AA × Fail

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 11776C Background



This preview shows how black text looks on a background with the Hex color 11776C.

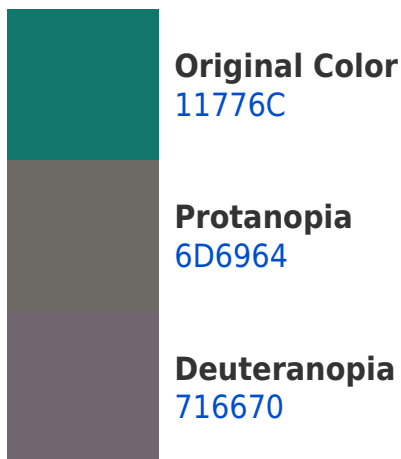


This preview shows how white text looks on a background with the Hex color 11776C.

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
21747E

Trichromacy



Original Color
11776C

Protanomaly
4C6E67

Deuteranomaly
4E6C6F

Tritanomaly
1B7577

Monochromacy



Original Color
11776C

Achromatopsia
575757

Achromatomaly
3E635F

CSS Examples

Text

The CSS property to change the color of the text to Hex 11776C 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 #11776C looks like.

```
.text, #text, p{  
    color:#11776C  
}
```

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 #11776C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #11776C
}
```

Border

The CSS property to change the border of an element to Hex 11776C 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
#11776C }
```

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

```
.border{ border-color:#11776C }
```

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

Here you see how a box with a 4 pixel #11776C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #11776C; -webkit-box-shadow:4px 4px  
4px 4px #11776C; box-shadow:4px 4px 4px  
4px #11776C }
```

Background

The CSS property to change the background color of an element to Hex 11776C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#11776C }
```

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

```
.background{ background-color:#11776C }
```

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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