

Converting Colors

Hex(10776D)

Have a look what the booklet for
Hex(10776D) contains.

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Color

Hex(10776D)

Conversions

Conversions Part 1

Format	Color
Hex	10776D
RGB	16, 119, 109
RGB Percent	6%, 47%, 43%
CMY	0.9373, 0.5333, 0.5725
CMYK	0.87, 0.00, 0.08, 0.53
HSL	174°, 76%, 26%
HSV	174°, 87%, 47%
XYZ	9.5708, 14.4079, 16.7446
YIQ	87.0630, -58.1780, -24.9460

Conversions

Conversions Part 2

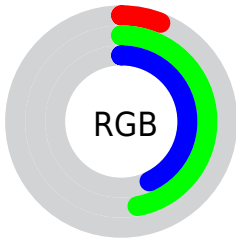
Format	Color
RYB	16, 70, 119
Decimal	1079149
CIELab	44.81, -29.51, -2.30
CIELCh	45, 29.596, 184.464
Yxy	14.4079, 0.2350, 0.3538
Android (android.graphics.Color)	4279269229 (0xFF10776D)
YUV	87.0630, 10.8149, -62.3223
Hunter-Lab	37.9578, -21.4184, 0.4155

Details

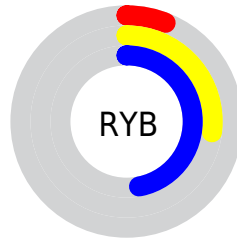
The Hex color **10776D** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **77101A**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **53ACA0**, and **00463E** is the 20% darker color. If you saturate the color by 10%, you get **04776C**, and if you desaturate by 10%, it is **1C776E**.

Distribution



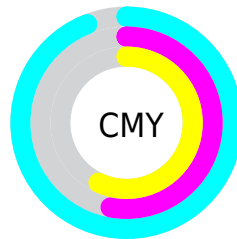
- Red (6%)
- Green (47%)
- Blue (43%)



- Red (6%)
- Yellow (27%)
- Blue (47%)



- Cyan (87%)
- Magenta (0%)
- Yellow (8%)
- Black (53%)



- Cyan (94%)
- Magenta (53%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10776D 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 10776D by changing the saturation by 10% instead.

 10776D

 10776D

FFFFFF

 005E55

 53ACA0

 00463E

 6FC7BB

 002F28

 8BE4D7

 001A13

 A7FFF3

 000000

 C4FFFF

 E1FFFF

 10776D

 10776D

 04776C

 1C776E

■ 00776B

■ 28776F

■ 347770

■ 407772

■ 4B7773

■ 577774

■ 637775

■ 6F7776

■ 7B7777

Harmonies

Analogous

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



3D7554



10776D



007685

Triad

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



10776D



716293



8B613E

Complementary

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



10776D



77101A

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.



97594F



10776D



8C5A80

Square

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



10776D



4B6B9B



995667



766A38

Rectangle

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



10776D



007491



995667



905E43

Sweetspot

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



10776D



739C98



1A7710



374F4D



CFCFCF



4F4F4F

Same Dimension

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



10776D



009C8C



104E77



353B3A



007A6F



00FAE2

Inverse Universe

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



77101A



9C000F



773910



3B3535



7A000C



FA0018

Previews

White Background



This preview shows how the Hex color 10776D looks on a white background.

Color Contrast Check

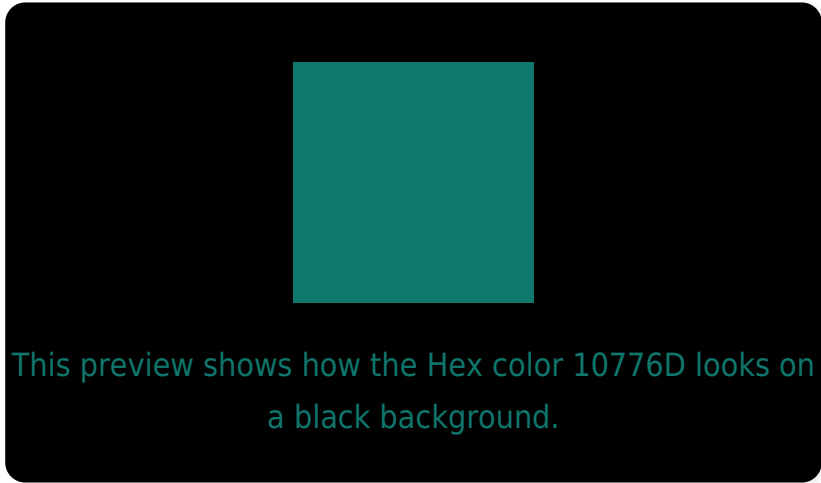
Large Text (above 18pt) WCAG AA ✓ Pass

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

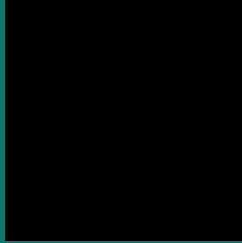
Any Text WCAG AA × Fail

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 10776D Background



This preview shows how black text looks on a background with the Hex color 10776D.

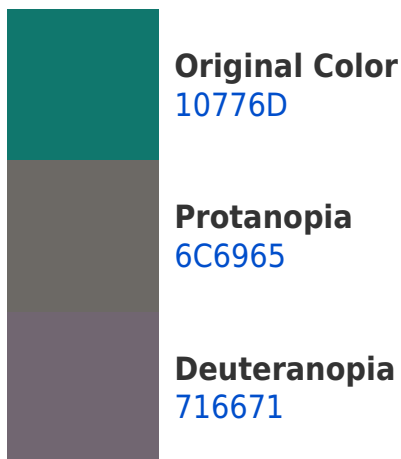


This preview shows how white text looks on a background with the Hex color 10776D.

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



Trichromacy



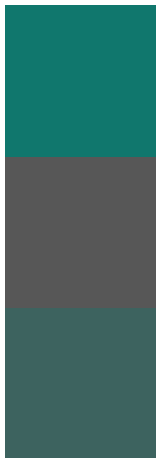
Original Color
10776D

Protanomaly
4B6E68

Deuteranomaly
4E6C70

Tritanomaly
1A7678

Monochromacy



Original Color
10776D

Achromatopsia
575757

Achromatomaly
3D635F

CSS Examples

Text

The CSS property to change the color of the text to Hex 10776D 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 #10776D looks like.

```
.text, #text, p{  
    color:#10776D  
}
```

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 #10776D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10776D
}
```

Border

The CSS property to change the border of an element to Hex 10776D 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
#10776D }
```

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

```
.border{ border-color:#10776D }
```

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

Here you see how a box with a 4 pixel #10776D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10776D; -webkit-box-shadow:4px 4px  
4px 4px #10776D; box-shadow:4px 4px 4px  
4px #10776D }
```

Background

The CSS property to change the background color of an element to Hex 10776D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10776D }
```

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

```
.background{ background-color:#10776D }
```

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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