

Converting Colors

Hex(007685)

Have a look what the booklet for
Hex(007685) contains.

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Color

Hex(007685)

Conversions

Conversions Part 1

Format	Color
Hex	007685
RGB	0, 118, 133
RGB Percent	0%, 46%, 52%
CMY	1.0000, 0.5373, 0.4784
CMYK	1.00, 0.11, 0.00, 0.48
HSL	187°, 100%, 26%
HSV	187°, 100%, 52%
XYZ	10.7121, 14.6503, 24.4535
YIQ	84.4280, -75.1430, -20.3510

Conversions

Conversions Part 2

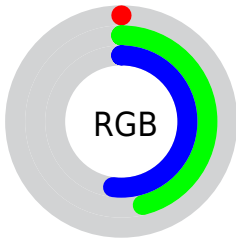
Format	Color
RYB	0, 63, 133
Decimal	30341
CIELab	45.15, -22.07, -16.14
CIELCh	45, 27.337, 216.175
Yxy	14.6503, 0.2150, 0.2941
Android (android.graphics.Color)	4278220421 (0xFF007685)
YUV	84.4280, 23.9460, -74.0434
Hunter-Lab	38.2757, -17.0265, -11.0860

Details

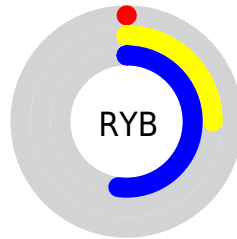
The Hex color **007685** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **850F00**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **51AABA**, and **004553** is the 20% darker color. If you saturate the color by 10%, you get **007685**, and if you desaturate by 10%, it is **0D7785**.

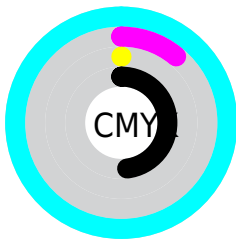
Distribution



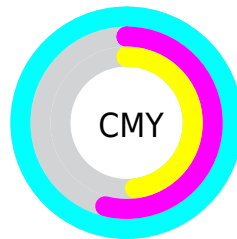
- Red (0%)
- Green (46%)
- Blue (52%)



- Red (0%)
- Yellow (25%)
- Blue (52%)



- Cyan (100%)
- Magenta (11%)
- Yellow (0%)
- Black (48%)



- Cyan (100%)
- Magenta (54%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007685 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 007685 by changing the saturation by 10% instead.

 007685

 007685

FFFFFF

 005D6C

 51AABA

 004553

 6FC6D6

 002E3C

 8BE2F2

 001C26

 A8FFFF

 000111

 C5FFFF

 000000

 E2FFFF

 007685

 0D7785

 1B7985

 287A85

 357C85

 437E85

 507F85

 5D8185

 6A8285

 788485

Harmonies

Analogous

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



1F776F



007685



287294

Triad

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



007685



8B5C7E



756B3D

Complementary

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



007685



850F00

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.



896342



007685



975967

Square

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



007685



746390



955C51



5D7145

Rectangle

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



007685



446E98



955C51



7C683D

Sweetspot

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



007685



79A8AD



00850D



375357



D6D6D6



575757

Same Dimension

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



007685



009AAD



003585



3C4242



007382



000203

Inverse Universe

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



850076



AD009A



855000



423C42



820073



030002

Previews

White Background



This preview shows how the Hex color 007685 looks on a white background.

Color Contrast Check

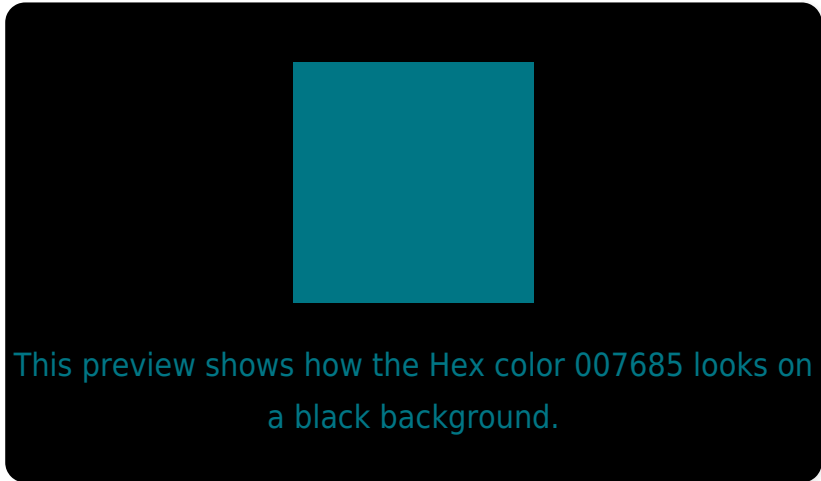
Large Text (above 18pt) WCAG AA ✓ Pass

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

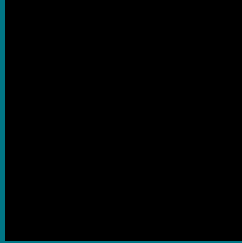
Any Text WCAG AA × Fail

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 007685 Background



This preview shows how black text looks on a background with the Hex color 007685.

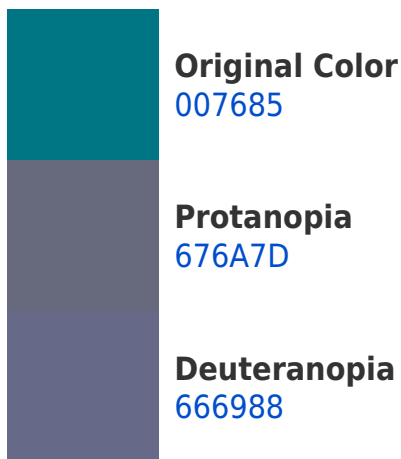


This preview shows how white text looks on a background with the Hex color 007685.

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
007780

Trichromacy



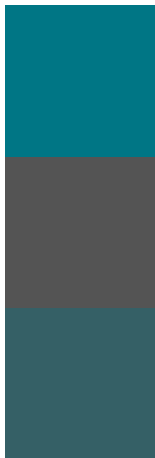
Original Color
007685

Protanomaly
426E80

Deuteranomaly
416E87

Tritanomaly
007782

Monochromacy



Original Color
007685

Achromatopsia
545454

Achromatomaly
356066

CSS Examples

Text

The CSS property to change the color of the text to Hex 007685 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 #007685 looks like.

```
.text, #text, p{  
    color:#007685  
}
```

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 #007685 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007685
}
```

Border

The CSS property to change the border of an element to Hex 007685 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
#007685 }
```

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

```
.border{ border-color:#007685 }
```

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

Here you see how a box with a 4 pixel #007685 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007685; -webkit-box-shadow:4px 4px  
4px 4px #007685; box-shadow:4px 4px 4px  
4px #007685 }
```

Background

The CSS property to change the background color of an element to Hex 007685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007685 }
```

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

```
.background{ background-color:#007685 }
```

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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