

Converting Colors

Hex(007D68)

Have a look what the booklet for
Hex(007D68) contains.

Hex(007D68)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(007D68)

Conversions

Conversions Part 1

Format	Color
Hex	007D68
RGB	0, 125, 104
RGB Percent	0%, 49%, 41%
CMY	1.0000, 0.5098, 0.5922
CMYK	1.00, 0.00, 0.17, 0.51
HSL	170°, 100%, 25%
HSV	170°, 100%, 49%
XYZ	9.8323, 15.6667, 15.6025
YIQ	85.2310, -67.7590, -33.0310

Conversions

Conversions Part 2

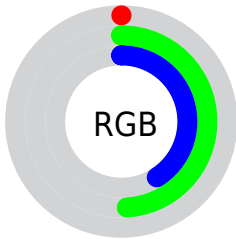
Format	Color
RYB	0, 68, 125
Decimal	32104
CIELab	46.53, -34.83, 3.16
CIELCh	47, 34.971, 174.817
Yxy	15.6667, 0.2392, 0.3812
Android (android.graphics.Color)	4278222184 (0xFF007D68)
YUV	85.2310, 9.2531, -74.7476
Hunter-Lab	39.5812, -24.9262, 4.3354

Details

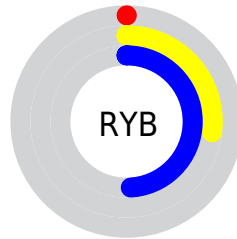
The Hex color **007D68** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7D0015**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **4FB29B**, and **004B39** is the 20% darker color. If you saturate the color by 10%, you get **007D68**, and if you desaturate by 10%, it is **0C7D6A**.

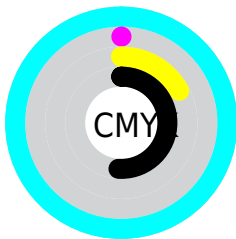
Distribution



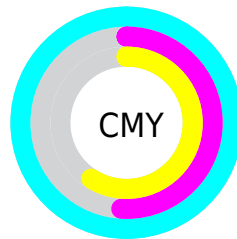
- Red (0%)
- Green (49%)
- Blue (41%)



- Red (0%)
- Yellow (27%)
- Blue (49%)



- Cyan (100%)
- Magenta (0%)
- Yellow (17%)
- Black (51%)



- Cyan (100%)
- Magenta (51%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007D68 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 007D68 by changing the saturation by 10% instead.

 007D68

 007D68

FFFFFF

 006450

 4FB29B

 004B39

 6CCEB6

 003324

 88EBD1

 001F0E

 A4FFEE

 000000

 C1FFFF

 DFFFFFF

 FFFFFFF

 007D68

 0C7D6A

 197D6C

 267D6E

 327D70

 3F7D72

 4B7D75

 577D77

 647D79

 717D7B

Harmonies

Analogous

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



447A4B



007D68



007D86

Triad

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



007D68



6969A4



9A603F

Complementary

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



007D68



7D0015

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.



A55857



007D68



8E5D90

Square

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



007D68



2F73A8



A25675



846B33

Rectangle

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



007D68



007B97



A25675



9F5D46

Sweetspot

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



007D68



72A39B



177D00



34524D



D1D1D1



525252

Same Dimension

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



007D68



00A388



00557D



39403F



00806A



000000

Inverse Universe

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



7D0015



A3001B



7D2800



40393A



800015



000000

Previews

White Background



This preview shows how the Hex color 007D68 looks on a white background.

Color Contrast Check

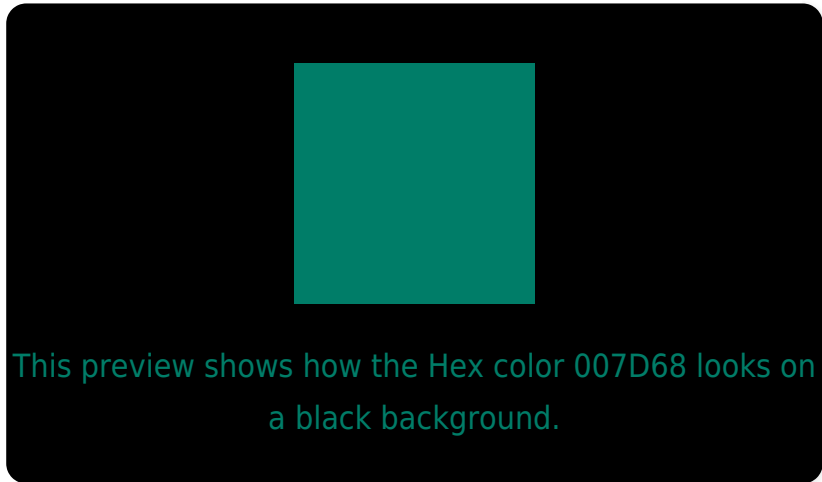
Large Text (above 18pt) WCAG AA ✓ Pass

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

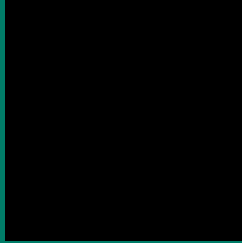
Any Text WCAG AA × Fail

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 007D68 Background



This preview shows how black text looks on a background with the Hex color 007D68.

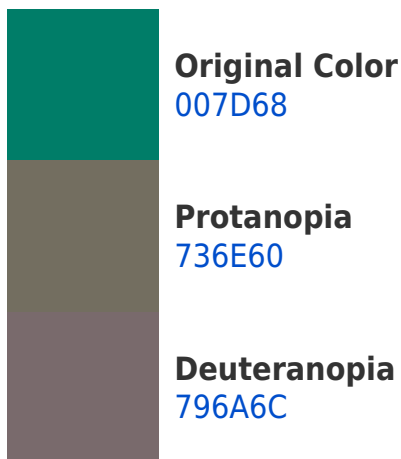


This preview shows how white text looks on a background with the Hex color 007D68.

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
007D68



Protanomaly
497363



Deuteranomaly
4D716B



Tritanomaly
177A79

Monochromacy



Original Color
007D68



Achromatopsia
555555



Achromatomaly
36645C

CSS Examples

Text

The CSS property to change the color of the text to Hex 007D68 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 #007D68 looks like.

```
.text, #text, p{  
    color:#007D68  
}
```

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 #007D68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007D68
}
```

Border

The CSS property to change the border of an element to Hex 007D68 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
#007D68 }
```

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

```
.border{ border-color:#007D68 }
```

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

Here you see how a box with a 4 pixel #007D68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007D68; -webkit-box-shadow:4px 4px  
4px 4px #007D68; box-shadow:4px 4px 4px  
4px #007D68 }
```

Background

The CSS property to change the background color of an element to Hex 007D68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007D68 }
```

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

```
.background{ background-color:#007D68 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor