

Converting Colors

Hex(007D6C)

Have a look what the booklet for
Hex(007D6C) contains.

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Color

Hex(007D6C)

Conversions

Conversions Part 1

Format	Color
Hex	007D6C
RGB	0, 125, 108
RGB Percent	0%, 49%, 42%
CMY	1.0000, 0.5098, 0.5765
CMYK	1.00, 0.00, 0.14, 0.51
HSL	172°, 100%, 25%
HSV	172°, 100%, 49%
XYZ	10.0404, 15.7499, 16.6982
YIQ	85.6870, -69.0430, -31.7870

Conversions

Conversions Part 2

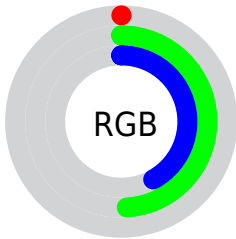
Format	Color
RYB	0, 67, 125
Decimal	32108
CIELab	46.64, -33.66, 0.95
CIELCh	47, 33.674, 178.375
Yxy	15.7499, 0.2363, 0.3707
Android (android.graphics.Color)	4278222188 (0xFF007D6C)
YUV	85.6870, 11.0003, -75.1475
Hunter-Lab	39.6862, -24.2913, 2.8337

Details

The Hex color **007D6C** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7D0011**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **4FB29F**, and **004B3D** is the 20% darker color. If you saturate the color by 10%, you get **007D6C**, and if you desaturate by 10%, it is **0C7D6E**.

Distribution



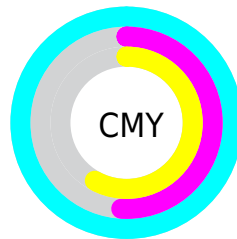
- Red (0%)
- Green (49%)
- Blue (42%)



- Red (0%)
- Yellow (26%)
- Blue (49%)



- Cyan (100%)
- Magenta (0%)
- Yellow (14%)
- Black (51%)



- Cyan (100%)
- Magenta (51%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007D6C 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 007D6C by changing the saturation by 10% instead.

007D6C

007D6C

FFFFFF

006454

4FB29F

004B3D

6CCEBA

003427

88EBD6

002012

A5FFF2

000000

C2FFFF

DFFFFF

FDFFFF

007D6C

 0C7D6E

 197D6F

 267D71

 327D73

 3F7D74

 4B7D76

 577D78

 647D7A

 717D7B

Harmonies

Analogous

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



427A50



007D6C



007D88

Triad

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



007D6C



6F68A0



97623F

Complementary

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



007D6C



7D0011

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.



A35A55



007D6C



905D8D

Square

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



007D6C



3C72A7



A25771



816C35

Rectangle

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



007D6C



007B98



A25771



9D5F45

Sweetspot

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



007D6C



72A39D



137D00



34524E



D1D1D1



525252

Same Dimension

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



007D6C



00A38D



00517D



39403F



00806E



000000

Inverse Universe

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



7D0011



A30016



7D2C00



40393A



800011



000000

Previews

White Background



This preview shows how the Hex color 007D6C 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

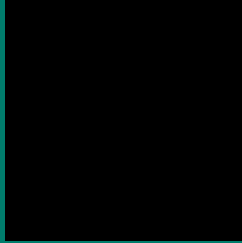
Any Text WCAG AA × Fail

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 007D6C Background



This preview shows how black text looks on a background with the Hex color 007D6C.

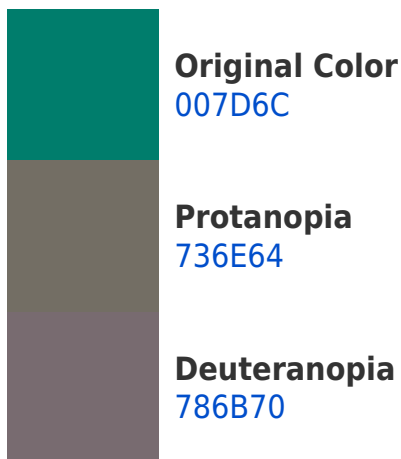


This preview shows how white text looks on a background with the Hex color 007D6C.

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
227A84

Trichromacy



Original Color
007D6C



Protanomaly
497367



Deuteranomaly
4C726F



Tritanomaly
167B7B

Monochromacy



Original Color
007D6C



Achromatopsia
565656



Achromatomaly
37645E

CSS Examples

Text

The CSS property to change the color of the text to Hex 007D6C 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 #007D6C looks like.

```
.text, #text, p{  
    color:#007D6C  
}
```

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 #007D6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007D6C
}
```

Border

The CSS property to change the border of an element to Hex 007D6C 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
#007D6C }
```

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

```
.border{ border-color:#007D6C }
```

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

Here you see how a box with a 4 pixel #007D6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007D6C; -webkit-box-shadow:4px 4px  
4px 4px #007D6C; box-shadow:4px 4px 4px  
4px #007D6C }
```

Background

The CSS property to change the background color of an element to Hex 007D6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007D6C }
```

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

```
.background{ background-color:#007D6C }
```

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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