

Converting Colors

Hex(006975)

Have a look what the booklet for
Hex(006975) contains.

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Color

Hex(006975)

Conversions

Conversions Part 1

Format	Color
Hex	006975
RGB	0, 105, 117
RGB Percent	0%, 41%, 46%
CMY	1.0000, 0.5882, 0.5412
CMYK	1.00, 0.10, 0.00, 0.54
HSL	186°, 100%, 23%
HSV	186°, 100%, 46%
XYZ	8.2625, 11.3875, 18.5922
YIQ	74.9730, -66.4320, -18.5280

Conversions

Conversions Part 2

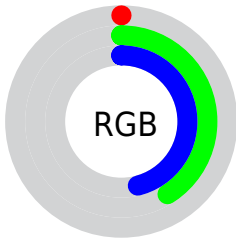
Format	Color
RYB	0, 55, 117
Decimal	26997
CIELab	40.23, -20.86, -14.02
CIELCh	40, 25.130, 213.899
Yxy	11.3875, 0.2161, 0.2978
Android (android.graphics.Color)	4278217077 (0xFF006975)
YUV	74.9730, 20.7193, -65.7513
Hunter-Lab	33.7454, -15.3492, -9.0443

Details

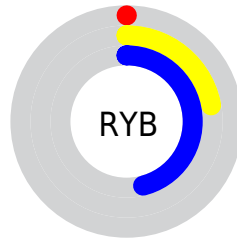
The Hex color **006975** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **750C00**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **4C9DA9**, and **003945** is the 20% darker color. If you saturate the color by 10%, you get **006975**, and if you desaturate by 10%, it is **0C6A75**.

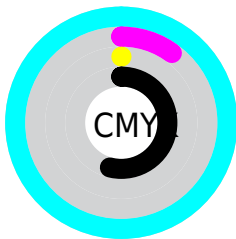
Distribution



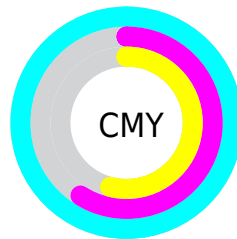
- Red (0%)
- Green (41%)
- Blue (46%)



- Red (0%)
- Yellow (22%)
- Blue (46%)



- Cyan (100%)
- Magenta (10%)
- Yellow (0%)
- Black (54%)



- Cyan (100%)
- Magenta (59%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006975 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 006975 by changing the saturation by 10% instead.

006975

006975

FFFFFF

00515C

4C9DA9

003945

69B8C4

00242E

85D3E0

00031A

A1F0FD

000000


BEFFFF

DBFFFF

F8FFFF

006975

 0C6A75

 176B75

 236D75

 2F6E75

 3B6F75

 467075

 527175

 5E7375

 697475

Harmonies

Analogous

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



1D6A61



006975



1F6683

Triad

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



006975



7B5271



6A5E35

Complementary

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



006975



750C00

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.



7B573A



006975



864F5D

Square

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



006975



655881



855149



54643C

Rectangle

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



006975



396287



855149



705C36

Sweetspot

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



006975



6B9499



00750C



314A4D



CCCCCC



4D4D4D

Same Dimension

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



006975



008999



002F75



353A3B



006E7A



00E0FA

Inverse Universe

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



750069



990089



754600



3B353A



7A006E



FA00E0

Previews

White Background



This preview shows how the Hex color 006975 looks on a white background.

Color Contrast Check

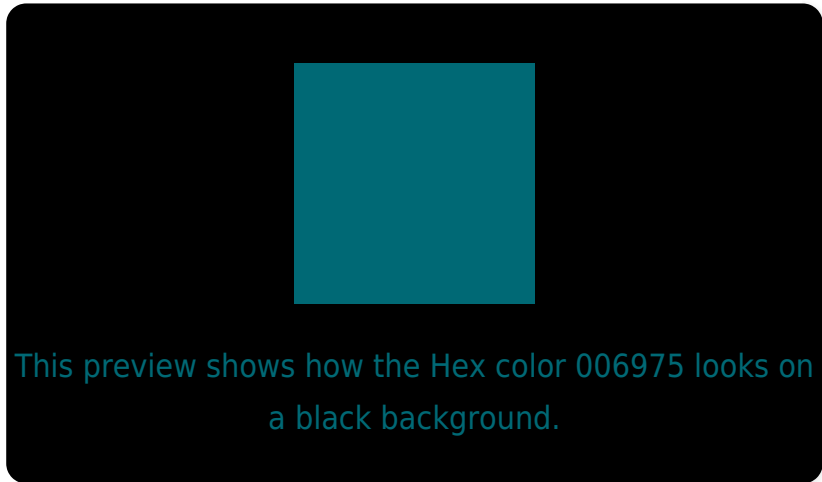
Large Text (above 18pt) WCAG AA ✓ Pass

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

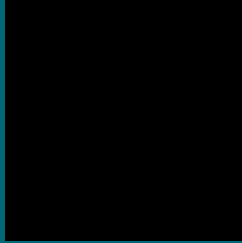
Any Text WCAG AA × Fail

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 006975 Background



This preview shows how black text looks on a background with the Hex color 006975.

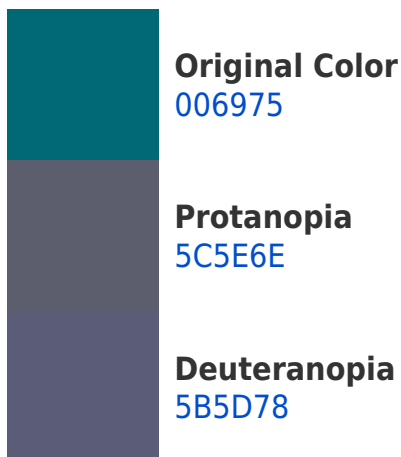


This preview shows how white text looks on a background with the Hex color 006975.

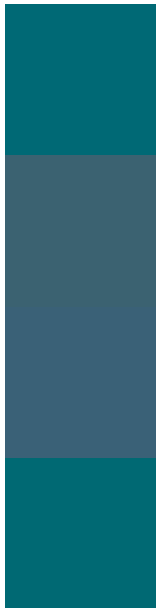
Color Blindness Simulation

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
006975

Protanomaly
3B6271

Deuteranomaly
3A6177

Tritanomaly
006973

Monochromacy



Original Color
006975

Achromatopsia
4B4B4B

Achromatomaly
30565A

CSS Examples

Text

The CSS property to change the color of the text to Hex 006975 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 #006975 looks like.

```
.text, #text, p{  
    color:#006975  
}
```

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 #006975 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006975
}
```

Border

The CSS property to change the border of an element to Hex 006975 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
#006975 }
```

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

```
.border{ border-color:#006975 }
```

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

Here you see how a box with a 4 pixel #006975 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006975; -webkit-box-shadow:4px 4px  
4px 4px #006975; box-shadow:4px 4px 4px  
4px #006975 }
```

Background

The CSS property to change the background color of an element to Hex 006975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006975 }
```

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

```
.background{ background-color:#006975 }
```

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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