

Converting Colors

Hex(006575)

Have a look what the booklet for
Hex(006575) contains.

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Color

Hex(006575)

Conversions

Conversions Part 1

Format	Color
Hex	006575
RGB	0, 101, 117
RGB Percent	0%, 40%, 46%
CMY	1.0000, 0.6039, 0.5412
CMYK	1.00, 0.14, 0.00, 0.54
HSL	188°, 100%, 23%
HSV	188°, 100%, 46%
XYZ	7.8646, 10.5917, 18.4595
YIQ	72.6250, -65.3320, -16.4360

Conversions

Conversions Part 2

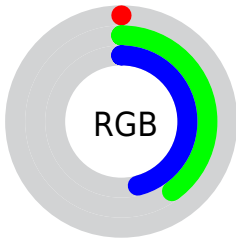
Format	Color
RYB	0, 54, 117
Decimal	25973
CIELab	38.88, -18.69, -16.06
CIELCh	39, 24.645, 220.679
Yxy	10.5917, 0.2130, 0.2869
Android (android.graphics.Color)	4278216053 (0xFF006575)
YUV	72.6250, 21.8769, -63.6921
Hunter-Lab	32.5449, -13.8186, -10.8479

Details

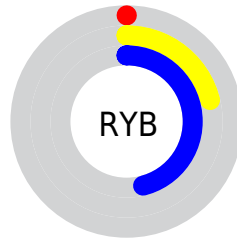
The Hex color **006575** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **751000**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **4C98A9**, and **003645** is the 20% darker color. If you saturate the color by 10%, you get **006575**, and if you desaturate by 10%, it is **0C6775**.

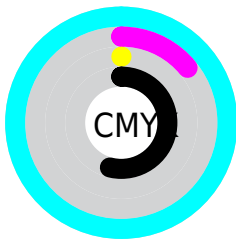
Distribution



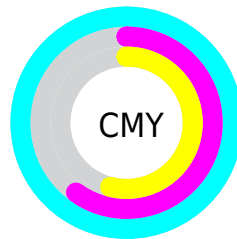
- Red (0%)
- Green (40%)
- Blue (46%)



- Red (0%)
- Yellow (21%)
- Blue (46%)



- Cyan (100%)
- Magenta (14%)
- Yellow (0%)
- Black (54%)



- Cyan (100%)
- Magenta (60%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006575 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 006575 by changing the saturation by 10% instead.

 006575

 006575

FFFFFF

 004D5C

 4C98A9

 003645

 68B3C4

 00212E

 84CFE0

 00011A

 A0EBFD

 000000

 BDFFFF

 DAFFFF

 F7FFFF

 006575

■ 0C6775

■ 176875

■ 236A75

■ 2F6B75

■ 3B6D75

■ 466F75

■ 527075

■ 5E7275

■ 697375

Harmonies

Analogous

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



146662



006575



266181

Triad

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



006575



7A4E69



625D34

Complementary

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



006575



751000

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.



745636



006575



824C55

Square

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



006575



67547A



804F42



4C623D

Rectangle

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



006575



3F5D83



804F42



685B33

Sweetspot

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



006575



6B9399



007510



31494D



CCCCCC



4D4D4D

Same Dimension

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



006575



008499



002B75



353A3B



006A7A



00D8FA

Inverse Universe

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



750065



990084



754A00



3B353A



7A006A



FA00D8

Previews

White Background



This preview shows how the Hex color 006575 looks on a white background.

Color Contrast Check

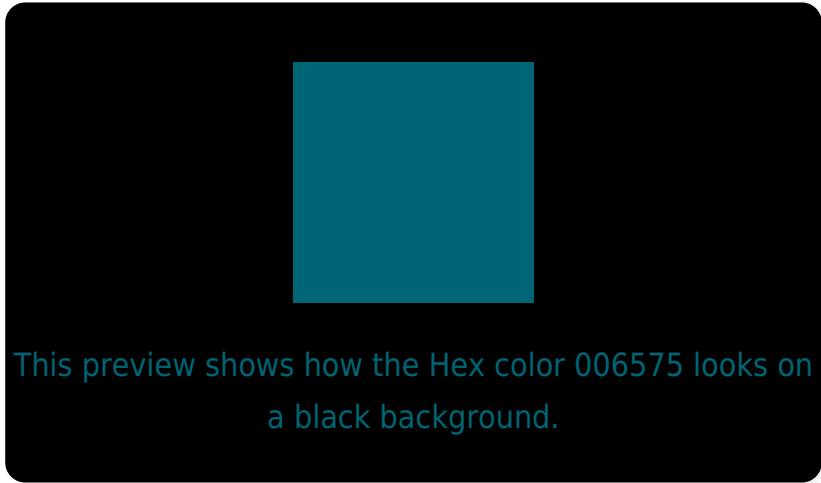
Large Text (above 18pt) WCAG AA ✓ Pass

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

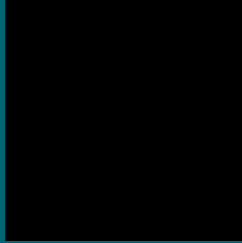
Any Text WCAG AA × Fail

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 006575 Background



This preview shows how black text looks on a background with the Hex color 006575.

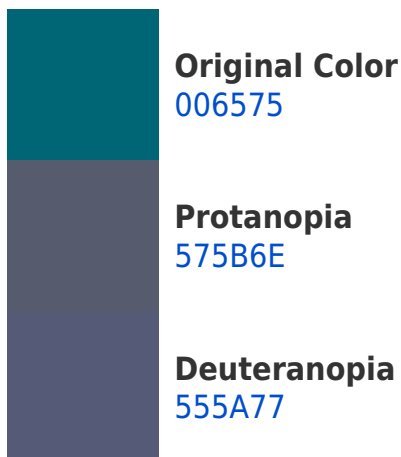


This preview shows how white text looks on a background with the Hex color 006575.

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](#).

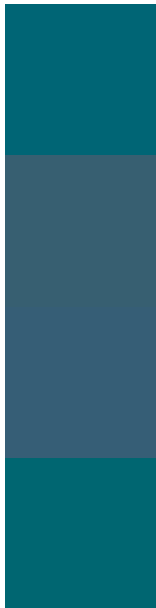
Dichromacy





Tritanopia
00666E

Trichromacy



Original Color
006575

Protanomaly
375F71

Deuteranomaly
365E76

Tritanomaly
006671

Monochromacy



Original Color
006575

Achromatopsia
494949

Achromatomaly
2E5359

CSS Examples

Text

The CSS property to change the color of the text to Hex 006575 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 #006575 looks like.

```
.text, #text, p{  
    color:#006575  
}
```

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 #006575 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006575
}
```

Border

The CSS property to change the border of an element to Hex 006575 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
#006575 }
```

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

```
.border{ border-color:#006575 }
```

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

Here you see how a box with a 4 pixel #006575 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006575; -webkit-box-shadow:4px 4px  
4px 4px #006575; box-shadow:4px 4px 4px  
4px #006575 }
```

Background

The CSS property to change the background color of an element to Hex 006575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006575 }
```

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

```
.background{ background-color:#006575 }
```

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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