

Converting Colors

Hex(006678)

Have a look what the booklet for
Hex(006678) contains.

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Color

Hex(006678)

Conversions

Conversions Part 1

Format	Color
Hex	006678
RGB	0, 102, 120
RGB Percent	0%, 40%, 47%
CMY	1.0000, 0.6000, 0.5294
CMYK	1.00, 0.15, 0.00, 0.53
HSL	189°, 100%, 24%
HSV	189°, 100%, 47%
XYZ	8.1415, 10.8588, 19.4362
YIQ	73.5540, -66.5700, -16.0260

Conversions

Conversions Part 2

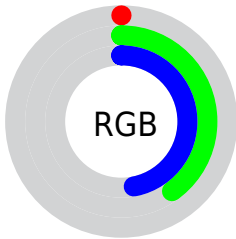
Format	Color
RYB	0, 55, 120
Decimal	26232
CIELab	39.34, -18.13, -17.19
CIELCh	39, 24.990, 223.476
Yxy	10.8588, 0.2118, 0.2825
Android (android.graphics.Color)	4278216312 (0xFF006678)
YUV	73.5540, 22.8979, -64.5069
Hunter-Lab	32.9527, -13.5657, -11.9035

Details

The Hex color **006678** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **781200**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **4C99AC**, and **003747** is the 20% darker color. If you saturate the color by 10%, you get **006678**, and if you desaturate by 10%, it is **0C6878**.

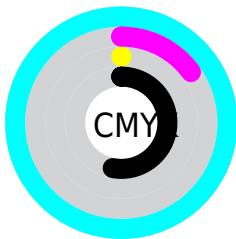
Distribution



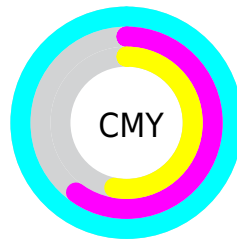
- Red (0%)
- Green (40%)
- Blue (47%)



- Red (0%)
- Yellow (22%)
- Blue (47%)



- Cyan (100%)
- Magenta (15%)
- Yellow (0%)
- Black (53%)



- Cyan (100%)
- Magenta (60%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006678 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 006678 by changing the saturation by 10% instead.

006678

006678

FFFFFF

004E5F

4C99AC

003747

69B4C8

002131

85D0E4

00021D

A1ECFF

000000

BEFFFF

DBFFFF

F8FFFF

006678

■ 0C6878

■ 186A78

■ 246B78

■ 306D78

■ 3C6F78

■ 487178

■ 547378

■ 607478

■ 6C7678

Harmonies

Analogous

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



0F6865



006678



2A6283

Triad

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



006678



7D4E69



615E34

Complementary

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



006678



781200

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.



745836



006678



844D54

Square

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



006678



6B547A



805142



4A643E

Rectangle

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



006678



435E85



805142



685C34

Sweetspot

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



006678



6D959C



007812



334B4F



CFCFCF



4F4F4F

Same Dimension

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



006678



00849C



002A78



373C3D



006A7D



00D7FC

Inverse Universe

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



780066



9C0084



784E00



3D373C



7D006A



FC00D7

Previews

White Background



This preview shows how the Hex color 006678 looks on a white background.

Color Contrast Check

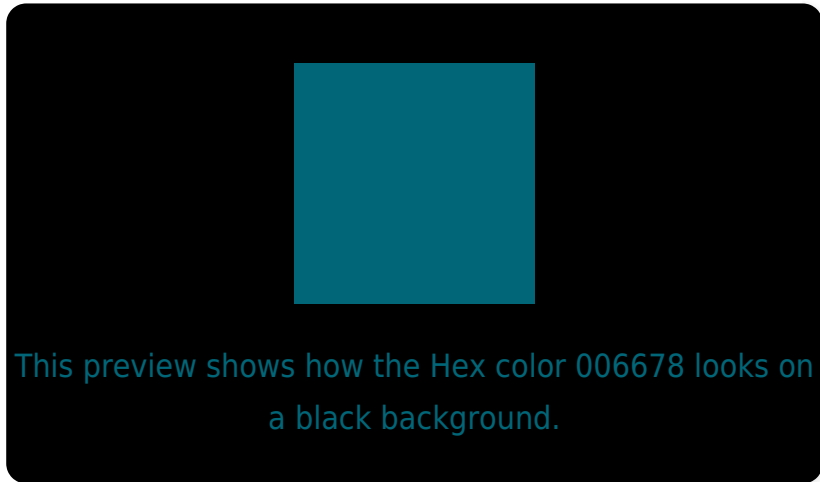
Large Text (above 18pt) WCAG AA ✓ Pass

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

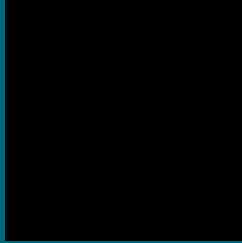
Any Text WCAG AA × Fail

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 006678 Background



This preview shows how black text looks on a background with the Hex color 006678.

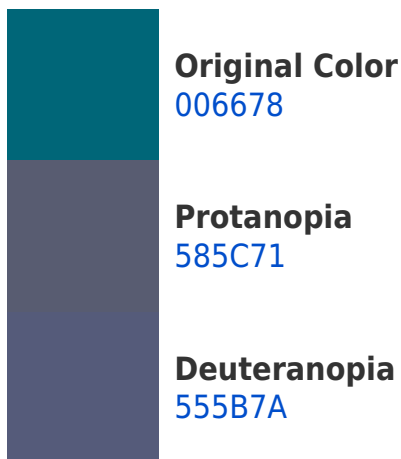


This preview shows how white text looks on a background with the Hex color 006678.

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](#).

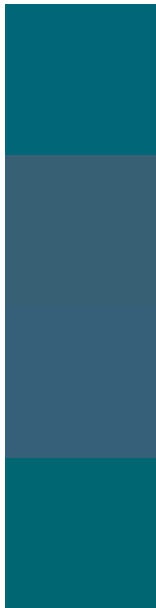
Dichromacy





Tritanopia
00676F

Trichromacy



Original Color
006678

Protanomaly
386074

Deuteranomaly
365F79

Tritanomaly
006772

Monochromacy



Original Color
006678

Achromatopsia
4A4A4A

Achromatomaly
2F545B

CSS Examples

Text

The CSS property to change the color of the text to Hex 006678 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 #006678 looks like.

```
.text, #text, p{  
    color:#006678  
}
```

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 #006678 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006678
}
```

Border

The CSS property to change the border of an element to Hex 006678 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
#006678 }
```

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

```
.border{ border-color:#006678 }
```

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

Here you see how a box with a 4 pixel #006678 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006678; -webkit-box-shadow:4px 4px  
4px 4px #006678; box-shadow:4px 4px 4px  
4px #006678 }
```

Background

The CSS property to change the background color of an element to Hex 006678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006678 }
```

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

```
.background{ background-color:#006678 }
```

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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