

Converting Colors

Hex(006D6D)

Have a look what the booklet for
Hex(006D6D) contains.

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Color

Hex(006D6D)

Conversions

Conversions Part 1

Format	Color
Hex	006D6D
RGB	0, 109, 109
RGB Percent	0%, 43%, 43%
CMY	1.0000, 0.5725, 0.5725
CMYK	1.00, 0.00, 0.00, 0.57
HSL	180°, 100%, 21%
HSV	180°, 100%, 43%
XYZ	8.2290, 12.0414, 16.3585
YIQ	76.4090, -64.9640, -23.1080

Conversions

Conversions Part 2

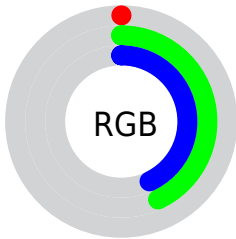
Format	Color
RYB	0, 55, 109
Decimal	28013
CIELab	41.28, -25.71, -7.56
CIELCh	41, 26.800, 196.386
Yxy	12.0414, 0.2247, 0.3287
Android (android.graphics.Color)	4278218093 (0xFF006D6D)
YUV	76.4090, 16.0674, -67.0107
Hunter-Lab	34.7007, -18.3967, -3.6598

Details

The Hex color **006D6D** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6D0000**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **4CA1A0**, and **003D3E** is the 20% darker color. If you saturate the color by 10%, you get **006D6D**, and if you desaturate by 10%, it is **0B6D6D**.

Distribution



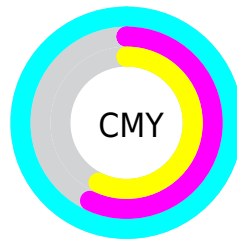
- Red (0%)
- Green (43%)
- Blue (43%)



- Red (0%)
- Yellow (22%)
- Blue (43%)



- Cyan (100%)
- Magenta (0%)
- Yellow (0%)
- Black (57%)



- Cyan (100%)
- Magenta (57%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006D6D 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 006D6D by changing the saturation by 10% instead.

006D6D

006D6D

FFFFFF

005455

4CA1A0

003D3E

68BCBB

002728

84D8D7

000A14

A0F5F4

000000

BDFFFF

DAFFFF

F7FFFF

006D6D

■ 0B6D6D

■ 166D6D

■ 216D6D

■ 2C6D6D

■ 376D6D

■ 416D6D

■ 4C6D6D

■ 576D6D

■ 626D6D

Harmonies

Analogous

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



2D6C56



006D6D



006B81

Triad

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



006D6D



735780



785D37

Complementary

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



006D6D



6D0000

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.



875542



006D6D



86516C

Square

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



006D6D



555F8B



8C5056



646436

Rectangle

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



006D6D



1D6889



8C5056



7E5A39

Sweetspot

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



006D6D



648F8F



006D00



2E4747



C7C7C7



474747

Same Dimension

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



006D6D



008F8F



00376D



303636



007575



00F5F5

Inverse Universe

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



6D006D



8F008F



6D3700



363036



750075



F500F5

Previews

White Background



This preview shows how the Hex color 006D6D looks on a white background.

Color Contrast Check

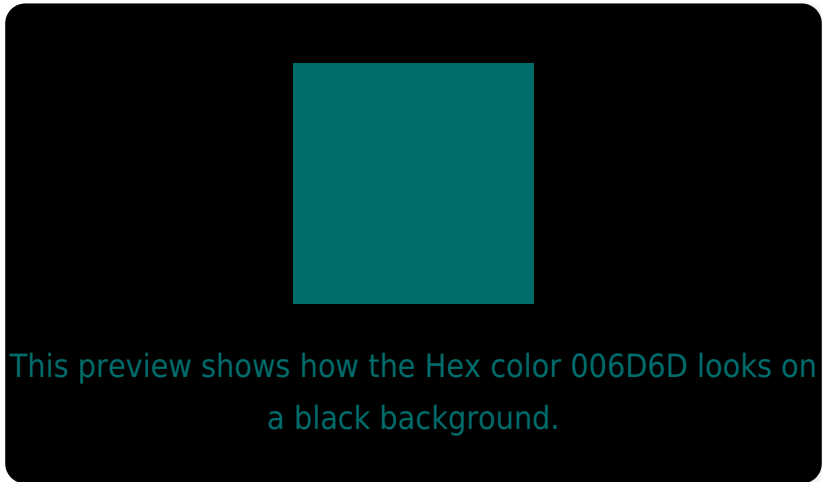
Large Text (above 18pt) WCAG AA ✓ Pass

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

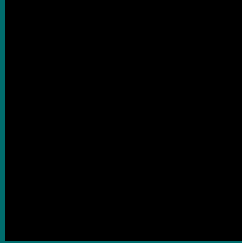
Any Text WCAG AA × Fail

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 006D6D Background



This preview shows how black text looks on a background with the Hex color 006D6D.

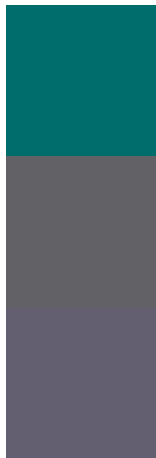


This preview shows how white text looks on a background with the Hex color 006D6D.

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



Original Color
006D6D

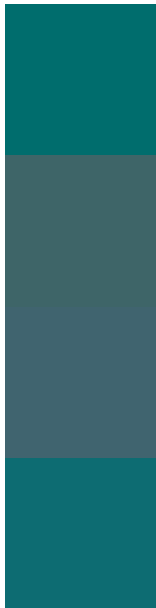
Protanopia
626165

Deuteranopia
645F70



Tritanopia
146C75

Trichromacy



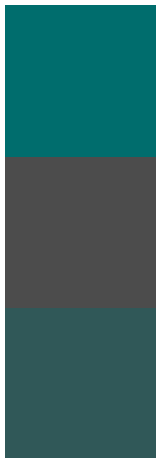
Original Color
006D6D

Protanomaly
3E6568

Deuteranomaly
40646F

Tritanomaly
0D6C72

Monochromacy



Original Color
006D6D

Achromatopsia
4C4C4C

Achromatomaly
305858

CSS Examples

Text

The CSS property to change the color of the text to Hex 006D6D 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 #006D6D looks like.

```
.text, #text, p{  
    color:#006D6D  
}
```

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 #006D6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006D6D
}
```

Border

The CSS property to change the border of an element to Hex 006D6D 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
#006D6D }
```

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

```
.border{ border-color:#006D6D }
```

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

Here you see how a box with a 4 pixel #006D6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006D6D; -webkit-box-shadow:4px 4px  
4px 4px #006D6D; box-shadow:4px 4px 4px  
4px #006D6D }
```

Background

The CSS property to change the background color of an element to Hex 006D6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006D6D }
```

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

```
.background{ background-color:#006D6D }
```

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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