

Converting Colors

Hex(006665)

Have a look what the booklet for
Hex(006665) contains.

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Color

Hex(006665)

Conversions

Conversions Part 1

Format	Color
Hex	006665
RGB	0, 102, 101
RGB Percent	0%, 40%, 40%
CMY	1.0000, 0.6000, 0.6039
CMYK	1.00, 0.00, 0.01, 0.60
HSL	179°, 100%, 20%
HSV	179°, 100%, 40%
XYZ	7.1003, 10.4423, 13.9533
YIQ	71.3880, -60.4710, -21.9350

Conversions

Conversions Part 2

Format	Color
RYB	0, 51, 102
Decimal	26213
CIELab	38.62, -24.87, -6.65
CIELCh	39, 25.746, 194.973
Yxy	10.4423, 0.2254, 0.3315
Android (android.graphics.Color)	4278216293 (0xFF006665)
YUV	71.3880, 14.5987, -62.6073
Hunter-Lab	32.3146, -17.3296, -2.9809

Details

The Hex color **006665** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **660001**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **499998**, and **003636** is the 20% darker color. If you saturate the color by 10%, you get **006665**, and if you desaturate by 10%, it is **0A6665**.

Distribution



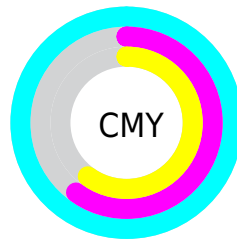
- Red (0%)
- Green (40%)
- Blue (40%)



- Red (0%)
- Yellow (20%)
- Blue (40%)



- Cyan (100%)
- Magenta (0%)
- Yellow (1%)
- Black (60%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 006665 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 006665 by changing the saturation by 10% instead.

 006665

 006665

FFFFFF

 004E4D

 499998

 003636

 65B4B3

 002221

 80D0CE

 00000A

 9CEDEA

 000000

 B9FFFF

 D6FFFF

 F3FFFF

 006665

■ 0A6665

■ 146665

■ 1F6665

■ 296665

■ 336666

■ 3D6666

■ 476666

■ 526666

■ 5C6666

Harmonies

Analogous

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



2B654F



006665



006478

Triad

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



006665



6A5279



715633

Complementary

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



006665



660001

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.



7F4F3E



006665



7D4C66

Square

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



006665



4D5983



834B51



5E5D32

Rectangle

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



006665



176280



834B51



775435

Sweetspot

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



006665



5D8584



026600



2A4242



C2C2C2



424242

Same Dimension

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



006665



008583



003566



2E3333



007372



00F2F0

Inverse Universe

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



660001



850001



663100



332E2E



730001



F20002

Previews

White Background



This preview shows how the Hex color 006665 looks on a white background.

Color Contrast Check

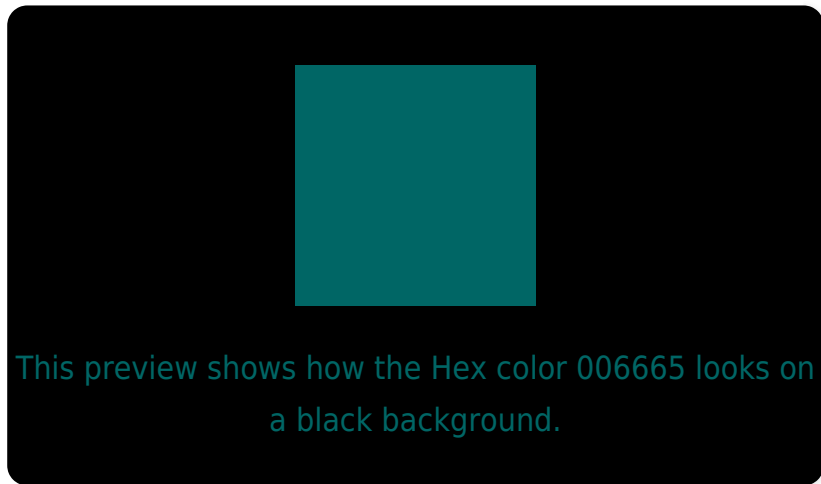
Large Text (above 18pt) WCAG AA ✓ Pass

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

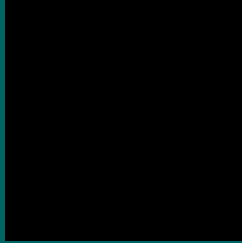
Any Text WCAG AA × Fail

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 006665 Background



This preview shows how black text looks on a background with the Hex color 006665.

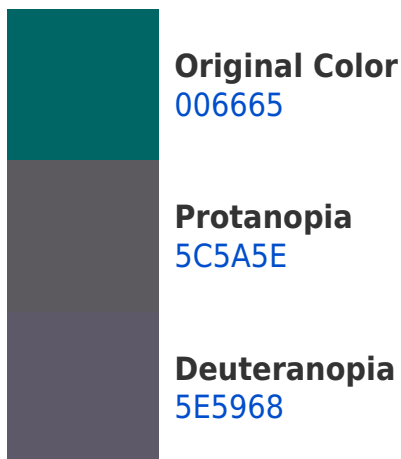



This preview shows how white text looks on a background with the Hex color 006665.

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](#).

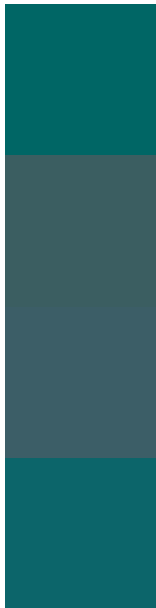
Dichromacy





Tritanopia
13656D

Trichromacy



Original Color
006665

Protanomaly
3B5E61

Deuteranomaly
3C5E67

Tritanomaly
0C656A

Monochromacy



Original Color
006665

Achromatopsia
474747

Achromatomaly
2D5252

CSS Examples

Text

The CSS property to change the color of the text to Hex 006665 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 #006665 looks like.

```
.text, #text, p{  
    color:#006665  
}
```

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 #006665 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006665
}
```

Border

The CSS property to change the border of an element to Hex 006665 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
#006665 }
```

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

```
.border{ border-color:#006665 }
```

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

Here you see how a box with a 4 pixel #006665 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006665; -webkit-box-shadow:4px 4px  
4px 4px #006665; box-shadow:4px 4px 4px  
4px #006665 }
```

Background

The CSS property to change the background color of an element to Hex 006665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006665 }
```

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

```
.background{ background-color:#006665 }
```

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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