

Converting Colors

Hex(006C5E)

Have a look what the booklet for
Hex(006C5E) contains.

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Color

Hex(006C5E)

Conversions

Conversions Part 1

Format	Color
Hex	006C5E
RGB	0, 108, 94
RGB Percent	0%, 42%, 37%
CMY	1.0000, 0.5765, 0.6314
CMYK	1.00, 0.00, 0.13, 0.58
HSL	172°, 100%, 21%
HSV	172°, 100%, 42%
XYZ	7.3829, 11.5333, 12.4267
YIQ	74.1120, -59.8740, -27.2500

Conversions

Conversions Part 2

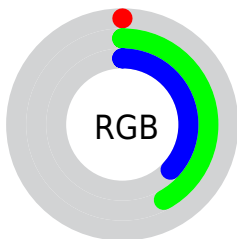
Format	Color
RYB	0, 58, 108
Decimal	27742
CIELab	40.46, -30.04, 0.34
CIELCh	40, 30.046, 179.352
Yxy	11.5333, 0.2356, 0.3680
Android (android.graphics.Color)	4278217822 (0xFF006C5E)
YUV	74.1120, 9.8048, -64.9962
Hunter-Lab	33.9607, -20.6259, 2.0774

Details

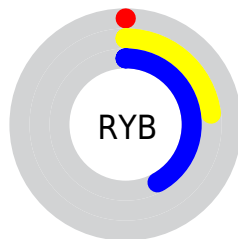
The Hex color **006C5E** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6C000E**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **4AA090**, and **003C30** is the 20% darker color. If you saturate the color by 10%, you get **006C5E**, and if you desaturate by 10%, it is **0B6C5F**.

Distribution



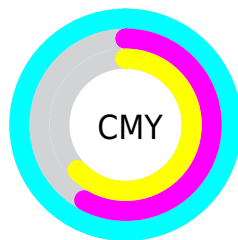
- Red (0%)
- Green (42%)
- Blue (37%)



- Red (0%)
- Yellow (23%)
- Blue (42%)



- Cyan (100%)
- Magenta (0%)
- Yellow (13%)
- Black (58%)



- Cyan (100%)
- Magenta (58%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006C5E 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 006C5E by changing the saturation by 10% instead.

 006C5E

 006C5E

FFFFFF

 005346

 4AA090

 003C30

 65BBAB

 00261B

 81D7C6

 000301

 9DF4E2

 000000

 B9FFFF

 D6FFFF

 F4FFFF

 006C5E

 0B6C5F

 166C61

 206C62


 2B6C64

 366C65

 416C66

 4C6C68

 566C69

 616C6B

Harmonies

Analogous

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



386A45



006C5E



006C77

Triad

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



006C5E



61598A



825536

Complementary

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



006C5E



6C000E

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.



8D4E49



006C5E



7D5079

Square

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



006C5E



356290



8C4B61



6F5E2D

Rectangle

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



006C5E



006A84



8C4B61



87523B

Sweetspot

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



006C5E



628C87



0E6C00



2E4744



C7C7C7



474747

Same Dimension

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



006C5E



008C7A



00446C



303635



007566



00F5D5

Inverse Universe

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



6C000E



8C0012



6C2800



363031



75000F



F50020

Previews

White Background



This preview shows how the Hex color 006C5E looks on a white background.

Color Contrast Check

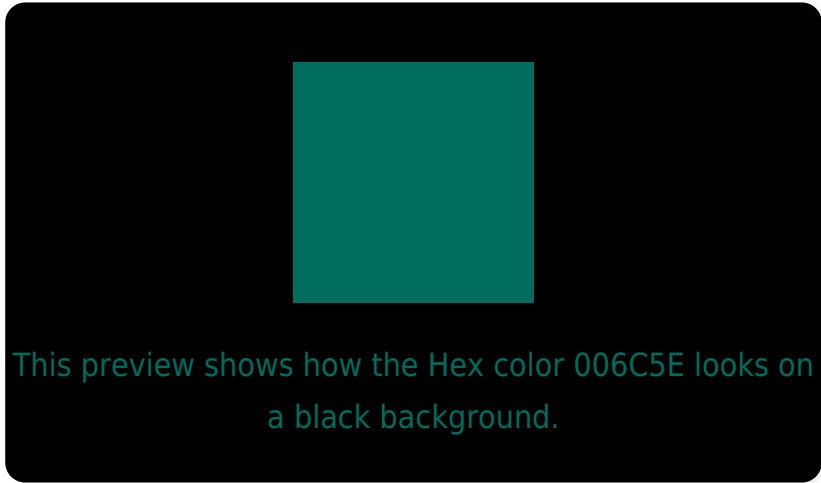
Large Text (above 18pt) WCAG AA ✓ Pass

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

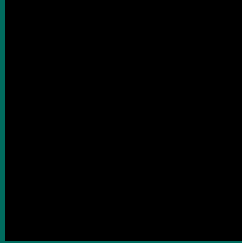
Any Text WCAG AA × Fail

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 006C5E Background



This preview shows how black text looks on a background with the Hex color 006C5E.

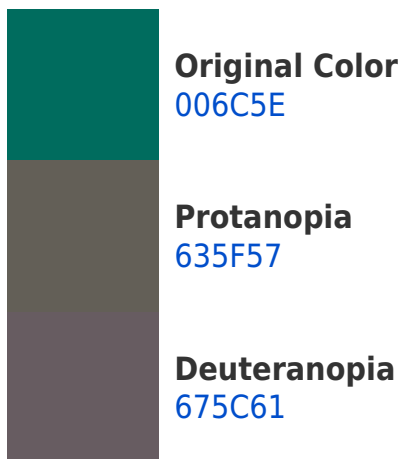


This preview shows how white text looks on a background with the Hex color 006C5E.

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
006C5E

Protanomaly
3F645A

Deuteranomaly
426260

Tritanomaly
126A6B

Monochromacy



Original Color
006C5E

Achromatopsia
4A4A4A

Achromatomaly
2F5651

CSS Examples

Text

The CSS property to change the color of the text to Hex 006C5E 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 #006C5E looks like.

```
.text, #text, p{  
    color:#006C5E  
}
```

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 #006C5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006C5E
}
```

Border

The CSS property to change the border of an element to Hex 006C5E 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
#006C5E }
```

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

```
.border{ border-color:#006C5E }
```

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

Here you see how a box with a 4 pixel #006C5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006C5E; -webkit-box-shadow:4px 4px  
4px 4px #006C5E; box-shadow:4px 4px 4px  
4px #006C5E }
```

Background

The CSS property to change the background color of an element to Hex 006C5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006C5E }
```

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

```
.background{ background-color:#006C5E }
```

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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