

Converting Colors

Hex(006A55)

Have a look what the booklet for
Hex(006A55) contains.

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Color

Hex(006A55)

Conversions

Conversions Part 1

Format	Color
Hex	006A55
RGB	0, 106, 85
RGB Percent	0%, 42%, 33%
CMY	1.0000, 0.5843, 0.6667
CMYK	1.00, 0.00, 0.20, 0.58
HSL	168°, 100%, 21%
HSV	168°, 100%, 42%
XYZ	6.7937, 10.9639, 10.3525
YIQ	71.9120, -56.4350, -29.0030

Conversions

Conversions Part 2

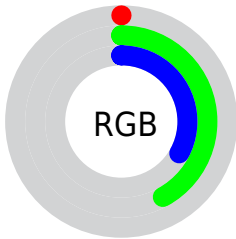
Format	Color
RYB	0, 59, 106
Decimal	27221
CIELab	39.52, -31.80, 4.44
CIElCh	40, 32.113, 172.053
Yxy	10.9639, 0.2417, 0.3900
Android (android.graphics.Color)	4278217301 (0xFF006A55)
YUV	71.9120, 6.4524, -63.0668
Hunter-Lab	33.1118, -21.3220, 4.6411

Details

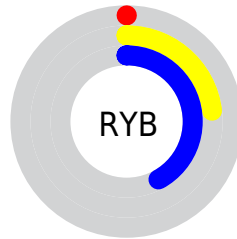
The Hex color **006A55** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6A0015**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **489E87**, and **003A28** is the 20% darker color. If you saturate the color by 10%, you get **006A55**, and if you desaturate by 10%, it is **0B6A57**.

Distribution



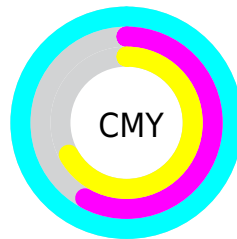
- Red (0%)
- Green (42%)
- Blue (33%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (20%)
- Black (58%)



- Cyan (100%)
- Magenta (58%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006A55 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 006A55 by changing the saturation by 10% instead.

 006A55

 006A55

FFFFFF

 00513E

 489E87

 003A28

 64B9A1

 002514

 7FD5BC

 000000

 9BF2D7

 B7FFF4

 D4FFFF

 F1FFFF

 006A55

■ 0B6A57

■ 156A59

■ 206A5B

■ 2A6A5D

■ 356A60

■ 406A62

■ 4A6A64

■ 556A66

■ 5F6A68

Harmonies

Analogous

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



3B673C



006A55



006A70

Triad

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



006A55



54598E



855035

Complementary

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



006A55



6A0015

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.



8E484B



006A55



774F7E

Square

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



006A55



196291



8A4865



735928

Rectangle

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



006A55



00697F



8A4865



8A4D3B

Sweetspot

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



006A55



608A82



156A00



2C4540



C4C4C4



454545

Same Dimension

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



006A55



008A6E



004A6A



303634



00755E



00F5C4

Inverse Universe

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



6A0015



8A001B



6A2000



363031



750017



F50030

Previews

White Background



This preview shows how the Hex color 006A55 looks on a white background.

Color Contrast Check

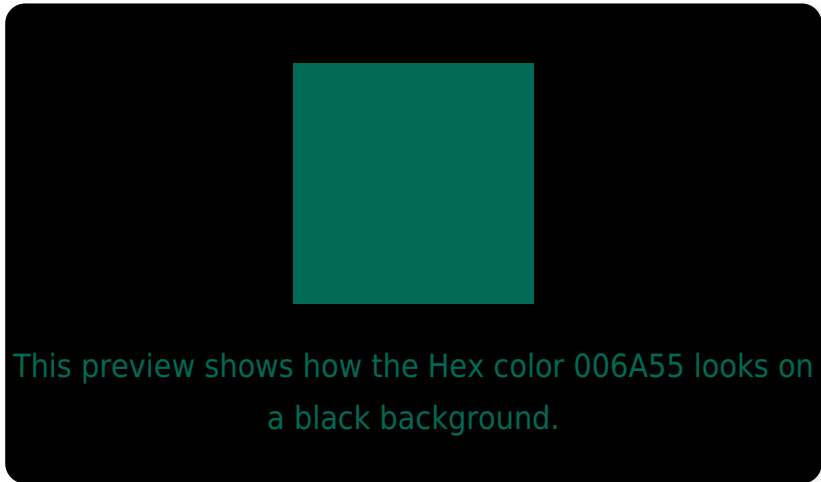
Large Text (above 18pt) WCAG AA ✓ Pass

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 006A55 Background



This preview shows how black text looks on a background with the Hex color 006A55.



This preview shows how white text looks on a background with the Hex color 006A55.

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
006A55

Protanopia
625D4E

Deuteranopia
685A59



Tritanopia
20666F

Trichromacy



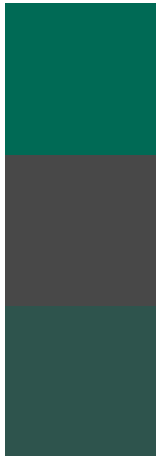
Original Color
006A55

Protanomaly
3E6251

Deuteranomaly
426058

Tritanomaly
146766

Monochromacy



Original Color
006A55

Achromatopsia
484848

Achromatomaly
2E544D

CSS Examples

Text

The CSS property to change the color of the text to Hex 006A55 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 #006A55 looks like.

```
.text, #text, p{  
    color:#006A55  
}
```

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 #006A55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006A55
}
```

Border

The CSS property to change the border of an element to Hex 006A55 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
#006A55 }
```

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

```
.border{ border-color:#006A55 }
```

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

Here you see how a box with a 4 pixel #006A55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006A55; -webkit-box-shadow:4px 4px  
4px 4px #006A55; box-shadow:4px 4px 4px  
4px #006A55 }
```

Background

The CSS property to change the background color of an element to Hex 006A55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006A55 }
```

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

```
.background{ background-color:#006A55 }
```

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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