

Converting Colors

Hex(006130)

Have a look what the booklet for
Hex(006130) contains.

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Color

Hex(006130)

Conversions

Conversions Part 1

Format	Color
Hex	006130
RGB	0, 97, 48
RGB Percent	0%, 38%, 19%
CMY	1.0000, 0.6196, 0.8118
CMYK	1.00, 0.00, 0.51, 0.62
HSL	150°, 100%, 19%
HSV	150°, 100%, 38%
XYZ	4.8082, 8.7628, 4.2343
YIQ	62.4110, -42.0830, -35.8030

Conversions

Conversions Part 2

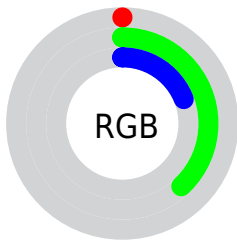
Format	Color
RYB	0, 65, 97
Decimal	24880
CIELab	35.52, -37.16, 21.07
CIELCh	36, 42.723, 150.444
Yxy	8.7628, 0.2700, 0.4921
Android (android.graphics.Color)	4278214960 (0xFF006130)
YUV	62.4110, -7.1046, -54.7344
Hunter-Lab	29.6020, -22.8101, 12.2406

Details

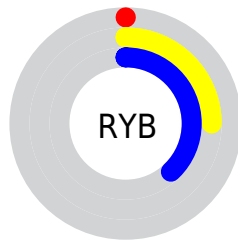
The Hex color **006130** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **610031**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **44955F**, and **003102** is the 20% darker color. If you saturate the color by 10%, you get **006130**, and if you desaturate by 10%, it is **0A6135**.

Distribution



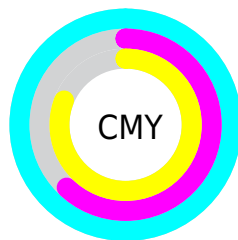
- Red (0%)
- Green (38%)
- Blue (19%)



- Red (0%)
- Yellow (25%)
- Blue (38%)



- Cyan (100%)
- Magenta (0%)
- Yellow (51%)
- Black (62%)



- Cyan (100%)
- Magenta (62%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006130 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 006130 by changing the saturation by 10% instead.

 006130

 006130

FFFFFF

 00491A

 44955F

 003102

 5FB078

 001C00

 7ACB92

 000000

 96E8AD

 B2FFC8

 CEFFE4

 EBFFFF


 006130

 0A6135

 13613A

 1D613F

 276144

 316149

 3A614D

 446152

 4E6157

 57615C

Harmonies

Analogous

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



425C11



006130



006353

Triad

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



006130



005798



8E3733

Complementary

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



006130



610031

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.



8F3254



006130



534A8F

Square

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



006130



00608F



7D3B76



7E4516

Rectangle

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



006130



00646A



7D3B76



91343E

Sweetspot

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



006130



577D6A



326100



294034



BFBFBF



404040

Same Dimension

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



006130



007D3E



00615F



2C302E



007038



00F077

Inverse Universe

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



610031



7D003F



610002



302C2E



700039



F00079

Previews

White Background



This preview shows how the Hex color 006130 looks on a white background.

Color Contrast Check

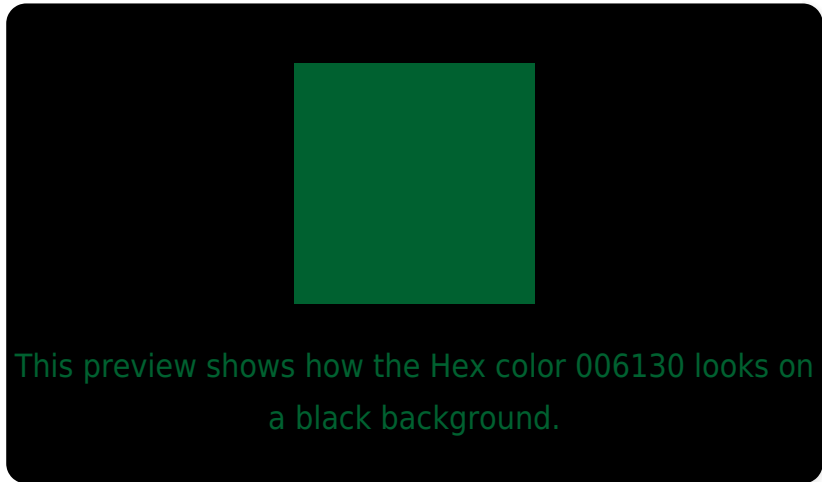
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 006130 Background



This preview shows how black text looks on a background with the Hex color 006130.



This preview shows how white text looks on a background with the Hex color 006130.

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
006130

Protanopia
5C542B

Deuteranopia
655034



Tritanopia
255B63

Trichromacy



Original Color
006130



Protanomaly
3B592D



Deuteranomaly
405633



Tritanomaly
185D50

Monochromacy



Original Color
006130



Achromatopsia
3E3E3E



Achromatomaly
274B39

CSS Examples

Text

The CSS property to change the color of the text to Hex 006130 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 #006130 looks like.

```
.text, #text, p{  
    color:#006130  
}
```

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 #006130 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006130
}
```

Border

The CSS property to change the border of an element to Hex 006130 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
#006130 }
```

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

```
.border{ border-color:#006130 }
```

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

Here you see how a box with a 4 pixel #006130 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006130; -webkit-box-shadow:4px 4px  
4px 4px #006130; box-shadow:4px 4px 4px  
4px #006130 }
```

Background

The CSS property to change the background color of an element to Hex 006130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006130 }
```

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

```
.background{ background-color:#006130 }
```

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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