

Converting Colors

Hex(006C31)

Have a look what the booklet for
Hex(006C31) contains.

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Color

Hex(006C31)

Conversions

Conversions Part 1

Format	Color
Hex	006C31
RGB	0, 108, 49
RGB Percent	0%, 42%, 19%
CMY	1.0000, 0.5765, 0.8078
CMYK	1.00, 0.00, 0.55, 0.58
HSL	147°, 100%, 21%
HSV	147°, 100%, 42%
XYZ	5.9169, 10.9469, 4.7068
YIQ	68.9820, -45.4290, -41.2450

Conversions

Conversions Part 2

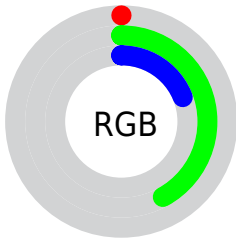
Format	Color
RYB	0, 74, 108
Decimal	27697
CIELab	39.49, -41.02, 25.48
CIELCh	39, 48.292, 148.152
Yxy	10.9469, 0.2743, 0.5075
Android (android.graphics.Color)	4278217777 (0xFF006C31)
YUV	68.9820, -9.8511, -60.4972
Hunter-Lab	33.0861, -25.9786, 14.7256

Details

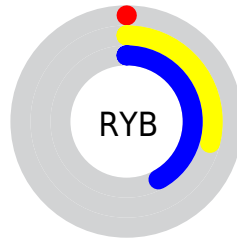
The Hex color **006C31** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6C003B**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **48A161**, and **003B02** is the 20% darker color. If you saturate the color by 10%, you get **006C31**, and if you desaturate by 10%, it is **0B6C37**.

Distribution



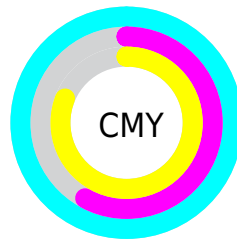
- Red (0%)
- Green (42%)
- Blue (19%)



- Red (0%)
- Yellow (29%)
- Blue (42%)



- Cyan (100%)
- Magenta (0%)
- Yellow (55%)
- Black (58%)



- Cyan (100%)
- Magenta (58%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006C31 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 006C31 by changing the saturation by 10% instead.

 006C31

 006C31

FFFFFF

 00531A

 48A161

 003B02

 64BC7A

 002700

 7FD894

 000000

 9BF5AF

 B7FFCA

 D4FFE6

 F1FFFF

 006C31

 0B6C37

 166C3D

 206C43


 2B6C49

 366C4F

 416C54

 4C6C5A

 566C60

 616C66

Harmonies

Analogous

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



4B660B



006C31



006F59

Triad

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



006C31



0062AC



A13A3A

Complementary

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



006C31



6C003B

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.



A13561



006C31



5754A3

Square

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



006C31



006BA0



8A4187



904B18

Rectangle

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



006C31



006F74



8A4187



A33747

Sweetspot

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



006C31



628C75



3B6C00



2E4739



C7C7C7



474747

Same Dimension

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



006C31



008C40



006C67



303633



007535



00F56F

Inverse Universe

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



6C003B



8C004D



6C0005



363033



750040



F50086

Previews

White Background



This preview shows how the Hex color 006C31 looks on a white background.

Color Contrast Check

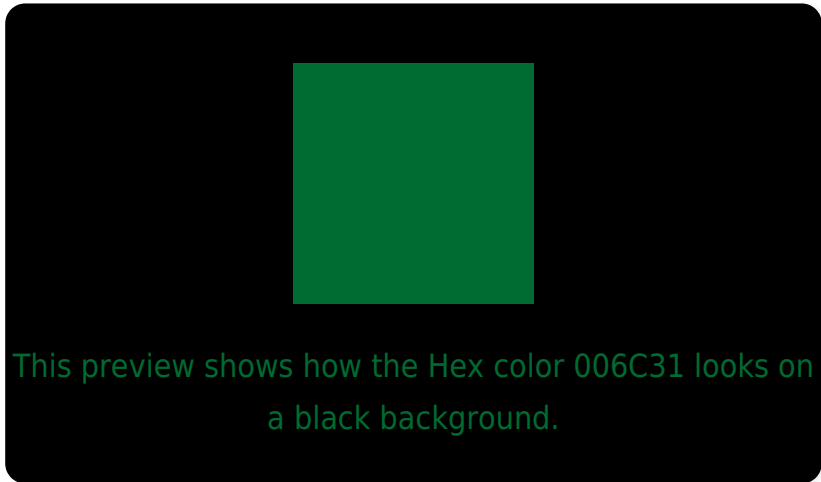
Large Text (above 18pt) WCAG AA ✓ Pass

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 006C31 Background



This preview shows how black text looks on a background with the Hex color 006C31.



This preview shows how white text looks on a background with the Hex color 006C31.

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
006C31

Protanopia
675D2C

Deuteranopia
715936



Tritanopia
2A666E

Trichromacy



Original Color
006C31



Protanomaly
42622E



Deuteranomaly
486034



Tritanomaly
1B6858

Monochromacy



Original Color
006C31



Achromatopsia
454545



Achromatomaly
2C533E

CSS Examples

Text

The CSS property to change the color of the text to Hex 006C31 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 #006C31 looks like.

```
.text, #text, p{  
    color:#006C31  
}
```

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 #006C31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006C31
}
```

Border

The CSS property to change the border of an element to Hex 006C31 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
#006C31 }
```

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

```
.border{ border-color:#006C31 }
```

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

Here you see how a box with a 4 pixel #006C31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006C31; -webkit-box-shadow:4px 4px  
4px 4px #006C31; box-shadow:4px 4px 4px  
4px #006C31 }
```

Background

The CSS property to change the background color of an element to Hex 006C31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006C31 }
```

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

```
.background{ background-color:#006C31 }
```

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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