

Converting Colors

Hex(006330)

Have a look what the booklet for
Hex(006330) contains.

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Color

Hex(006330)

Conversions

Conversions Part 1

Format	Color
Hex	006330
RGB	0, 99, 48
RGB Percent	0%, 39%, 19%
CMY	1.0000, 0.6118, 0.8118
CMYK	1.00, 0.00, 0.52, 0.61
HSL	149°, 100%, 19%
HSV	149°, 100%, 39%
XYZ	4.9953, 9.1371, 4.2967
YIQ	63.5850, -42.6330, -36.8490

Conversions

Conversions Part 2

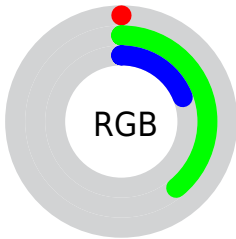
Format	Color
RYB	0, 67, 99
Decimal	25392
CIELab	36.25, -37.91, 21.99
CIELCh	36, 43.829, 149.886
Yxy	9.1371, 0.2711, 0.4958
Android (android.graphics.Color)	4278215472 (0xFF006330)
YUV	63.5850, -7.6834, -55.7640
Hunter-Lab	30.2276, -23.3998, 12.7316

Details

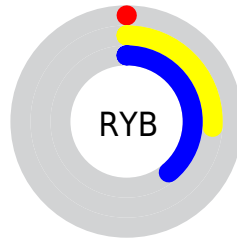
The Hex color **006330** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **630033**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **45975F**, and **003302** is the 20% darker color. If you saturate the color by 10%, you get **006330**, and if you desaturate by 10%, it is **0A6335**.

Distribution



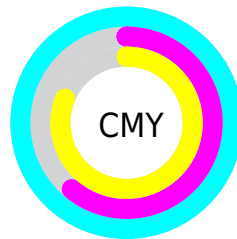
- Red (0%)
- Green (39%)
- Blue (19%)



- Red (0%)
- Yellow (26%)
- Blue (39%)



- Cyan (100%)
- Magenta (0%)
- Yellow (52%)
- Black (61%)



- Cyan (100%)
- Magenta (61%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006330 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 006330 by changing the saturation by 10% instead.

 006330

 006330

FFFFFF

 004A1A

 45975F

 003302

 60B278

 001E00

 7BCE92

 000000

 97EAAD

 B3FFC8

 CFFFE4

 ECFFFF

 006330

 0A6335

 14633A

 1E633F

 286344

 32634A

 3B634F

 456354

 4F6359

 59635E

Harmonies

Analogous

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



445D10



006330



006654

Triad

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



006330



00599C



923734

Complementary

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



006330



630033

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.



923257



006330



544C93

Square

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



006330



006292



7F3C79



824616

Rectangle

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



006330



00666C



7F3C79



94343F

Sweetspot

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



006330



59806C



336300



294034



BFBFBF



404040

Same Dimension

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



006330



00803E



006361



2C302E



007036



00F074

Inverse Universe

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



630033



800042



630002



302C2E



70003A



F0007B

Previews

White Background



This preview shows how the Hex color 006330 looks on a white background.

Color Contrast Check

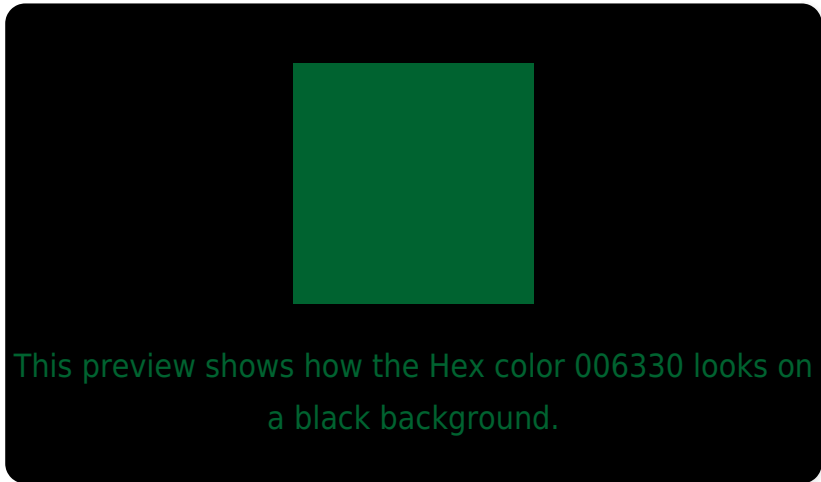
Large Text (above 18pt) WCAG AA ✓ Pass

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

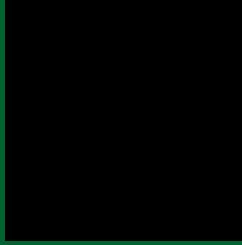
Any Text WCAG AA × Fail

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 006330 Background



This preview shows how black text looks on a background with the Hex color 006330.



This preview shows how white text looks on a background with the Hex color 006330.

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
006330

Protanopia
5E552B

Deuteranopia
675134



Tritanopia
265D65

Trichromacy



Original Color
006330



Protanomaly
3C5A2D



Deuteranomaly
425833



Tritanomaly
185F52

Monochromacy



Original Color
006330



Achromatopsia
404040



Achromatomaly
294D3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 006330 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 #006330 looks like.

```
.text, #text, p{  
    color:#006330  
}
```

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 #006330 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006330
}
```

Border

The CSS property to change the border of an element to Hex 006330 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
#006330 }
```

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

```
.border{ border-color:#006330 }
```

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

Here you see how a box with a 4 pixel #006330 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006330; -webkit-box-shadow:4px 4px  
4px 4px #006330; box-shadow:4px 4px 4px  
4px #006330 }
```

Background

The CSS property to change the background color of an element to Hex 006330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006330 }
```

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

```
.background{ background-color:#006330 }
```

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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