

Converting Colors

Hex(006A32)

Have a look what the booklet for
Hex(006A32) contains.

Hex(006A32)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(006A32)

Conversions

Conversions Part 1

Format	Color
Hex	006A32
RGB	0, 106, 50
RGB Percent	0%, 42%, 20%
CMY	1.0000, 0.5843, 0.8039
CMYK	1.00, 0.00, 0.53, 0.58
HSL	148°, 100%, 21%
HSV	148°, 100%, 42%
XYZ	5.7298, 10.5384, 4.7497
YIQ	67.9220, -45.2000, -39.8880

Conversions

Conversions Part 2

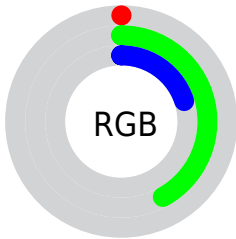
Format	Color
RYB	0, 72, 106
Decimal	27186
CIELab	38.79, -40.12, 24.06
CIELCh	39, 46.784, 149.045
Yxy	10.5384, 0.2726, 0.5014
Android (android.graphics.Color)	4278217266 (0xFF006A32)
YUV	67.9220, -8.8355, -59.5676
Hunter-Lab	32.4628, -25.3043, 14.0491

Details

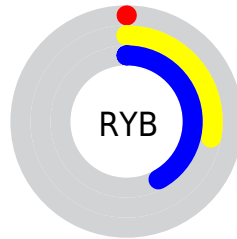
The Hex color **006A32** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6A0038**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **479E62**, and **003904** is the 20% darker color. If you saturate the color by 10%, you get **006A32**, and if you desaturate by 10%, it is **0B6A38**.

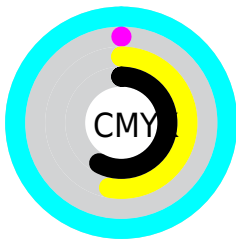
Distribution



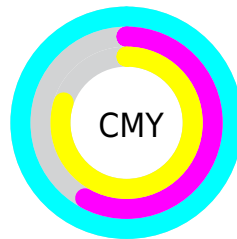
- Red (0%)
- Green (42%)
- Blue (20%)



- Red (0%)
- Yellow (28%)
- Blue (42%)



- Cyan (100%)
- Magenta (0%)
- Yellow (53%)
- Black (58%)



- Cyan (100%)
- Magenta (58%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006A32 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 006A32 by changing the saturation by 10% instead.

 006A32

 006A32

FFFFFF

 00511C

 479E62

 003904

 63BA7B

 002500

 7ED695

 000000

 9AF2B0

 B6FFCB

 D3FFE7

 F0FFFF

 006A32

 0B6A38

 156A3D

 206A43

 2A6A48

 356A4E

 406A54

 4A6A59

 556A5F

 5F6A64

Harmonies

Analogous

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



49640F



006A32



006D59

Triad

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



006A32



0060A8



9D3B39

Complementary

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



006A32



6A0038

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.



9D355E



006A32



58529E

Square

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



006A32



00699C



884083



8C4A18

Rectangle

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



006A32



006D73



884083



9F3745

Sweetspot

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



006A32



608A74



396A00



2C4538



C4C4C4



454545

Same Dimension

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



006A32



008A41



006A66



303633



007537



00F573

Inverse Universe

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



6A0038



8A0049



6A0004



363033



75003E



F50081

Previews

White Background



This preview shows how the Hex color 006A32 looks on a white background.

Color Contrast Check

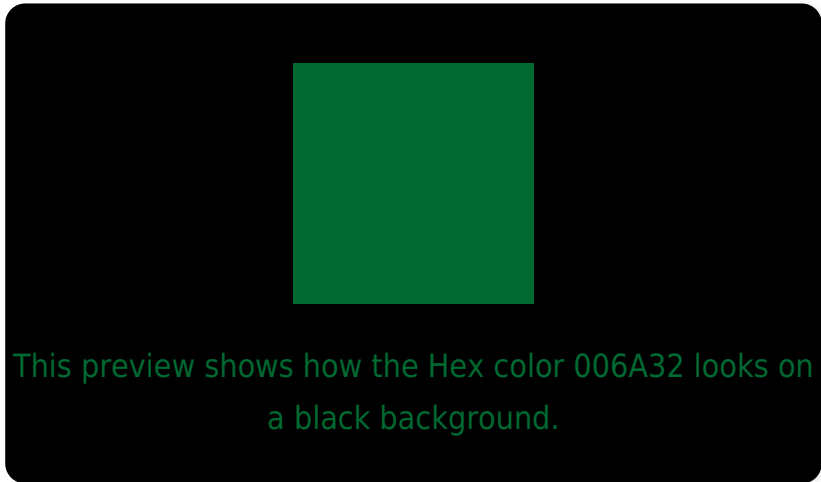
Large Text (above 18pt) WCAG AA ✓ Pass

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 006A32 Background



This preview shows how black text looks on a background with the Hex color 006A32.



This preview shows how white text looks on a background with the Hex color 006A32.

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
006A32

Protanopia
655B2D

Deuteranopia
6F5737



Tritanopia
29646C

Trichromacy



Original Color

006A32



Protanomaly

40602F



Deuteranomaly

475E35



Tritanomaly

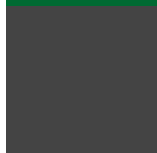
1A6657

Monochromacy



Original Color

006A32



Achromatopsia

444444



Achromatomaly

2B523D

CSS Examples

Text

The CSS property to change the color of the text to Hex 006A32 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 #006A32 looks like.

```
.text, #text, p{  
    color:#006A32  
}
```

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 #006A32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006A32
}
```

Border

The CSS property to change the border of an element to Hex 006A32 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
#006A32 }
```

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

```
.border{ border-color:#006A32 }
```

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

Here you see how a box with a 4 pixel #006A32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006A32; -webkit-box-shadow:4px 4px  
4px 4px #006A32; box-shadow:4px 4px 4px  
4px #006A32 }
```

Background

The CSS property to change the background color of an element to Hex 006A32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006A32 }
```

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

```
.background{ background-color:#006A32 }
```

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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