

Converting Colors

Hex(006532)

Have a look what the booklet for
Hex(006532) contains.

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Color

Hex(006532)

Conversions

Conversions Part 1

Format	Color
Hex	006532
RGB	0, 101, 50
RGB Percent	0%, 40%, 20%
CMY	1.0000, 0.6039, 0.8039
CMYK	1.00, 0.00, 0.50, 0.60
HSL	150°, 100%, 20%
HSV	150°, 100%, 40%
XYZ	5.2294, 9.5377, 4.5829
YIQ	64.9870, -43.8250, -37.2730

Conversions

Conversions Part 2

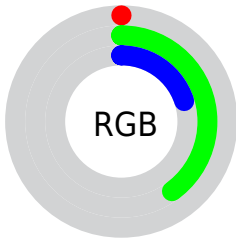
Format	Color
RYB	0, 68, 101
Decimal	25906
CIELab	37.00, -38.28, 21.81
CIELCh	37, 44.053, 150.328
Yxy	9.5377, 0.2703, 0.4929
Android (android.graphics.Color)	4278215986 (0xFF006532)
YUV	64.9870, -7.3886, -56.9936
Hunter-Lab	30.8831, -23.8202, 12.8197

Details

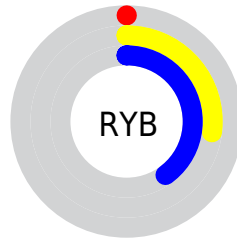
The Hex color **006532** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **650033**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **469961**, and **003504** is the 20% darker color. If you saturate the color by 10%, you get **006532**, and if you desaturate by 10%, it is **0A6537**.

Distribution



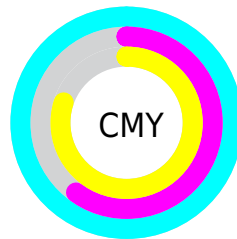
- Red (0%)
- Green (40%)
- Blue (20%)



- Red (0%)
- Yellow (27%)
- Blue (40%)



- Cyan (100%)
- Magenta (0%)
- Yellow (50%)
- Black (60%)



- Cyan (100%)
- Magenta (60%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006532 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 006532 by changing the saturation by 10% instead.

 006532

 006532

FFFFFF

 004C1C

 469961

 003504

 61B47A

 002000

 7CD094

 000000

 98ECAE

 B4FFCB

 D0FFE7

 EDFFFF

 006532

 0A6537

 14653C


 1E6541

 286546

 33654C

 3D6551

 476556

 51655B

 5B6560

Harmonies

Analogous

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



455F12



006532



006856

Triad

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



006532



005B9E



943935

Complementary

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



006532



650033

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.



953458



006532



574D95

Square

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



006532



006494



823D7B



844817

Rectangle

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



006532



00686F



823D7B



963641

Sweetspot

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



006532



5B826E



346500



2A4236



C2C2C2



424242

Same Dimension

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



006532



008240



006563



2E3330



007339



00F278

Inverse Universe

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



650033



820042



650002



332E30



73003A



F2007A

Previews

White Background



This preview shows how the Hex color 006532 looks on a white background.

Color Contrast Check

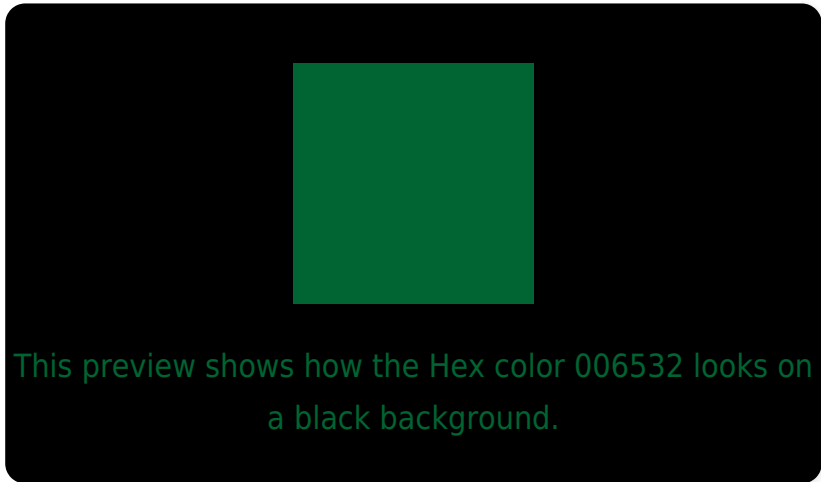
Large Text (above 18pt) WCAG AA ✓ Pass

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

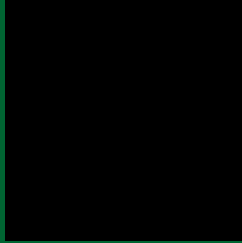
Any Text WCAG AA × Fail

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 006532 Background



This preview shows how black text looks on a background with the Hex color 006532.



This preview shows how white text looks on a background with the Hex color 006532.

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
006532

Protanopia
60572D

Deuteranopia
695337



Tritanopia
275F67

Trichromacy



Original Color
006532



Protanomaly
3D5C2F



Deuteranomaly
435A35



Tritanomaly
196154

Monochromacy



Original Color
006532



Achromatopsia
414141



Achromatomaly
294E3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 006532 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 #006532 looks like.

```
.text, #text, p{  
    color:#006532  
}
```

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 #006532 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006532
}
```

Border

The CSS property to change the border of an element to Hex 006532 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
#006532 }
```

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

```
.border{ border-color:#006532 }
```

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

Here you see how a box with a 4 pixel #006532 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006532; -webkit-box-shadow:4px 4px  
4px 4px #006532; box-shadow:4px 4px 4px  
4px #006532 }
```

Background

The CSS property to change the background color of an element to Hex 006532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006532 }
```

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

```
.background{ background-color:#006532 }
```

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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