

Converting Colors

Hex(006522)

Have a look what the booklet for
Hex(006522) contains.

Hex(006522)	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(006522)

Conversions

Conversions Part 1

Format	Color
Hex	006522
RGB	0, 101, 34
RGB Percent	0%, 40%, 13%
CMY	1.0000, 0.6039, 0.8667
CMYK	1.00, 0.00, 0.66, 0.60
HSL	140°, 100%, 20%
HSV	140°, 100%, 40%
XYZ	4.9424, 9.4229, 3.0717
YIQ	63.1630, -38.6890, -42.2490

Conversions

Conversions Part 2

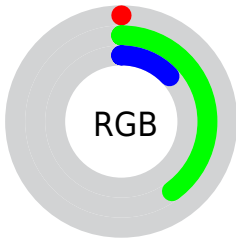
Format	Color
RYB	0, 76, 101
Decimal	25890
CIELab	36.79, -40.90, 30.13
CIELCh	37, 50.798, 143.625
Yxy	9.4229, 0.2834, 0.5404
Android (android.graphics.Color)	4278215970 (0xFF006522)
YUV	63.1630, -14.3774, -55.3940
Hunter-Lab	30.6967, -24.9792, 15.5548

Details

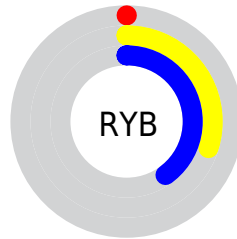
The Hex color **006522** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **650043**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **469951**, and **003400** is the 20% darker color. If you saturate the color by 10%, you get **006522**, and if you desaturate by 10%, it is **0A6529**.

Distribution



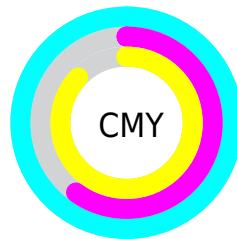
- Red (0%)
- Green (40%)
- Blue (13%)



- Red (0%)
- Yellow (30%)
- Blue (40%)



- Cyan (100%)
- Magenta (0%)
- Yellow (66%)
- Black (60%)



- Cyan (100%)
- Magenta (60%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006522 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 006522 by changing the saturation by 10% instead.

 006522

 006522

FFFFFF

 004C0A

 469951

 003400

 62B46A

 002000

 7DD084

 000000

 99ED9E

 B5FFBA

 D1FFD5

 EFFFF2

 006522

 0A6529

 14652F


 1E6536

 28653D

 336544

 3D654A

 476551

 516558

 5B655E

Harmonies

Analogous

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



4A5E00



006522



00684C

Triad

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



006522



005EA8



9D2E39

Complementary

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



006522



650043

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.



9A2A61



006522



4250A2

Square

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



006522



006698



7F3B88



8D4012

Rectangle

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



006522



006969



7F3B88



9F2A46

Sweetspot

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



006522



5B8268



436500



2A4232



C2C2C2



424242

Same Dimension

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



006522



00822C



006554



2E3330



007327



00F252

Inverse Universe

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



650043



820056



650011



332E31



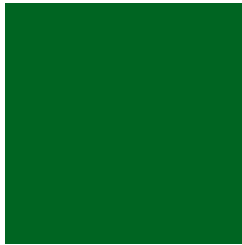
73004C



F200A1

Previews

White Background



This preview shows how the Hex color 006522 looks on a white background.

Color Contrast Check

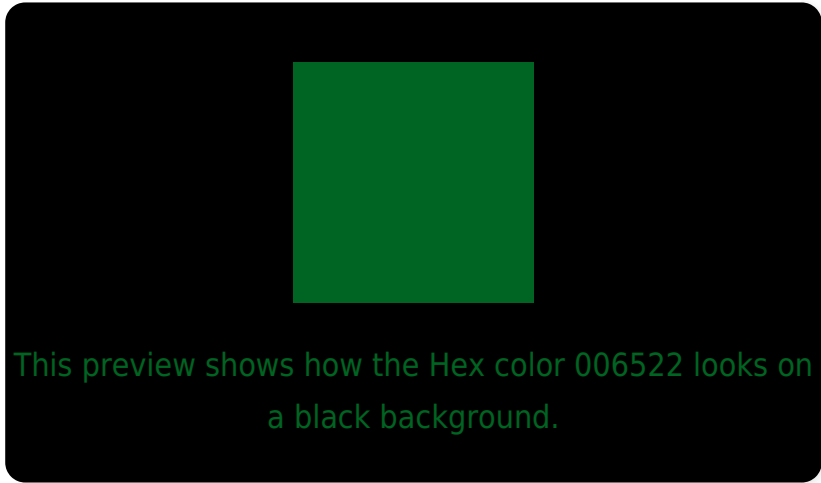
Large Text (above 18pt) WCAG AA ✓ Pass

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

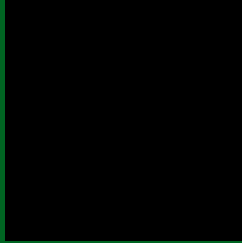
Any Text WCAG AA × Fail

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 006522 Background



This preview shows how black text looks on a background with the Hex color 006522.



This preview shows how white text looks on a background with the Hex color 006522.

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
006522

Protanopia
61571E

Deuteranopia
6B5228



Tritanopia
295E66

Trichromacy



Original Color
006522



Protanomaly
3E5C1F



Deuteranomaly
445926



Tritanomaly
1A614D

Monochromacy



Original Color
006522



Achromatopsia
3F3F3F



Achromatomaly
284D34

CSS Examples

Text

The CSS property to change the color of the text to Hex 006522 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 #006522 looks like.

```
.text, #text, p{  
    color:#006522  
}
```

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 #006522 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006522
}
```

Border

The CSS property to change the border of an element to Hex 006522 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
#006522 }
```

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

```
.border{ border-color:#006522 }
```

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

Here you see how a box with a 4 pixel #006522 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006522; -webkit-box-shadow:4px 4px  
4px 4px #006522; box-shadow:4px 4px 4px  
4px #006522 }
```

Background

The CSS property to change the background color of an element to Hex 006522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006522 }
```

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

```
.background{ background-color:#006522 }
```

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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