

# Converting Colors

Hex(005826)

Have a look what the booklet for  
Hex(005826) contains.

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# Color

**Hex(005826)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	005826
RGB	0, 88, 38
RGB Percent	0%, 35%, 15%
CMY	1.0000, 0.6549, 0.8510
CMYK	1.00, 0.00, 0.57, 0.65
HSL	146°, 100%, 17%
HSV	146°, 100%, 35%
XYZ	3.8396, 7.1194, 3.0055
YIQ	55.9880, -36.3980, -34.2060

# Conversions

## Conversions Part 2

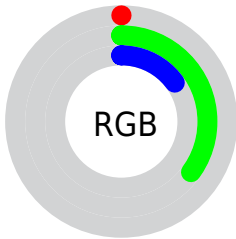
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 61, 88</a>
Decimal	<a href="#">22566</a>
CIELab	<a href="#">32.08, -35.67, 22.45</a>
CIELCh	<a href="#">32, 42.144, 147.816</a>
Yxy	<a href="#">7.1194, 0.2750, 0.5098</a>
Android (android.graphics.Color)	<a href="#">4278212646 (0xFF005826)</a>
YUV	<a href="#">55.9880, -8.8681, -49.1015</a>
Hunter-Lab	<a href="#">26.6822, -21.0076, 11.9990</a>

# Details

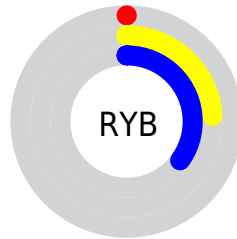
The Hex color **005826** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **580032**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **418B54**, and **002A00** is the 20% darker color. If you saturate the color by 10%, you get **005826**, and if you desaturate by 10%, it is **09582B**.

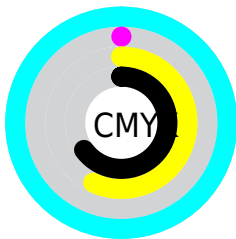
# Distribution



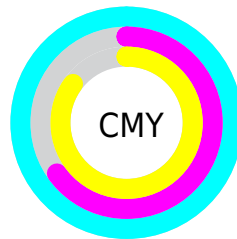
- Red (0%)
- Green (35%)
- Blue (15%)



- Red (0%)
- Yellow (24%)
- Blue (35%)



- Cyan (100%)
- Magenta (0%)
- Yellow (57%)
- Black (65%)



- Cyan (100%)
- Magenta (65%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 005826 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 005826 by changing the saturation by 10% instead.



 005826

 005826

FFFFFF

 004010

 418B54

 002A00

 5CA66D

 000E00

 77C186

 000000

 92DDA1

 ADFABC

 CAFFD8

 E6FFF4

 005826

 09582B

 125830

 1A5835

 23583A

 2C583F

 355844

 3E5849

 46584E

 4F5853

# Harmonies

## Analogous

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



3D5306



005826



005A48

# Triad

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



005826



00508E



852E2F

# Complementary

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



005826



580032

# 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.



842A4F



005826



464486

# Square

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



005826



005883



71346F



763C11

# Rectangle

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



005826



005B5F



71346F



862B39



# Sweetspot

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



005826



50735F



335800



263B2F



BABABA



3B3B3B



# Same Dimension

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



005826



007332



005851



272B29



006B2E



00EB65



# Inverse Universe

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



580032



730041



580007



2B2729



6B003D

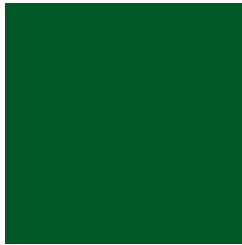


EB0085



# Previews

## White Background



This preview shows how the Hex color 005826 looks on a white background.

## Color Contrast Check

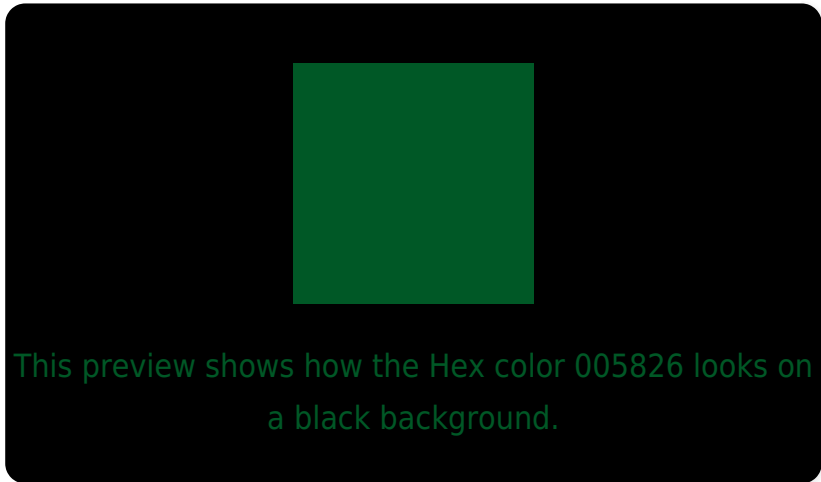
Large Text (above 18pt) WCAG AA ✓ Pass

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

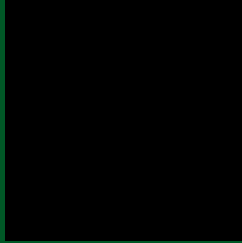
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 005826 Background



This preview shows how black text looks on a background with the Hex color 005826.



This preview shows how white text looks on a background with the Hex color 005826.

# 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**  
005826

**Protanopia**  
544C22

**Deuteranopia**  
5C482A



**Tritanopia**  
235359

# Trichromacy



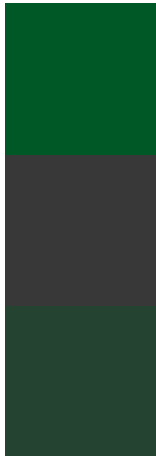
**Original Color**  
005826

**Protanomaly**  
355023

**Deuteranomaly**  
3B4E29

**Tritanomaly**  
165546

# Monochromacy



**Original Color**  
005826

**Achromatopsia**  
383838

**Achromatomaly**  
244431

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 005826 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 #005826 looks like.

```
.text, #text, p{  
    color:#005826  
}
```

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 #005826 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005826
}
```

## Border

The CSS property to change the border of an element to Hex 005826 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".

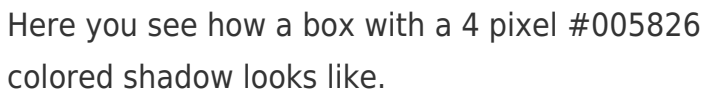
```
.border, #border, table{ border:4px solid
#005826 }
```

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

```
.border{ border-color:#005826 }
```

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

Here you see how a box with a 4 pixel #005826 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005826; -webkit-box-shadow:4px 4px  
4px 4px #005826; box-shadow:4px 4px 4px  
4px #005826 }
```

# Background

The CSS property to change the background color of an element to Hex 005826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005826 }
```

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

```
.background{ background-color:#005826 }
```

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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