

# Converting Colors

Hex(005726)

Have a look what the booklet for  
Hex(005726) contains.

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# Color

Hex(005726)

# Conversions

## Conversions Part 1

Format	Color
Hex	005726
RGB	0, 87, 38
RGB Percent	0%, 34%, 15%
CMY	1.0000, 0.6588, 0.8510
CMYK	1.00, 0.00, 0.56, 0.66
HSL	146°, 100%, 17%
HSV	146°, 100%, 34%
XYZ	3.7580, 6.9563, 2.9784
YIQ	55.4010, -36.1230, -33.6830

# Conversions

## Conversions Part 2

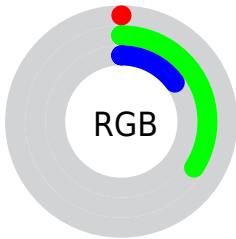
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 61, 87
Decimal	22310
CIELab	31.71, -35.30, 21.99
CIELCh	32, 41.588, 148.074
Yxy	6.9563, 0.2745, 0.5080
Android (android.graphics.Color)	4278212390 (0xFF005726)
YUV	55.4010, -8.5787, -48.5867
Hunter-Lab	26.3749, -20.7223, 11.7671

# Details

The Hex color **005726** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **570031**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **418A54**, and **002900** is the 20% darker color. If you saturate the color by 10%, you get **005726**, and if you desaturate by 10%, it is **09572B**.

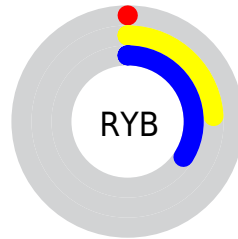
# Distribution



Red (0%)

Green (34%)

Blue (15%)



Red (0%)

Yellow (24%)

Blue (34%)

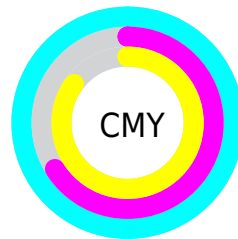


Cyan (100%)

Magenta (0%)

Yellow (56%)

Black (66%)



Cyan (100%)

Magenta (66%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 005726 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 005726 by changing the saturation by 10% instead.



 005726

 005726

FFFFFF

 003F10

 418A54

 002900

 5BA46D

 000C00

 76C086

 000000

 91DCA1

 ADF9BC

 C9FFD8

 E6FFF4

 005726

■ 09572B

■ 115730

■ 1A5735

■ 23573A

■ 2C573F

■ 345743

■ 3D5748

■ 46574D

■ 4E5752

# Harmonies

## Analogous

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



3C5207



005726



005947

# Triad

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



005726



004F8C



832E2E

# Complementary

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



005726



570031

# 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.



83294E



005726



454385

# Square

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



005726



005682



70346E



753B11

# Rectangle

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



005726



005A5E



70346E



852B38



# Sweetspot

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



005726



4F705D



315700



24382D



B8B8B8



383838



# Same Dimension

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



005726



007031



005751



272B29



006B2F



00EB66



# Inverse Universe

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



570031



70003F



570006



2B2729



6B003C



EB0084



# Previews

## White Background



This preview shows how the Hex color 005726 looks on a white background.

## Color Contrast Check

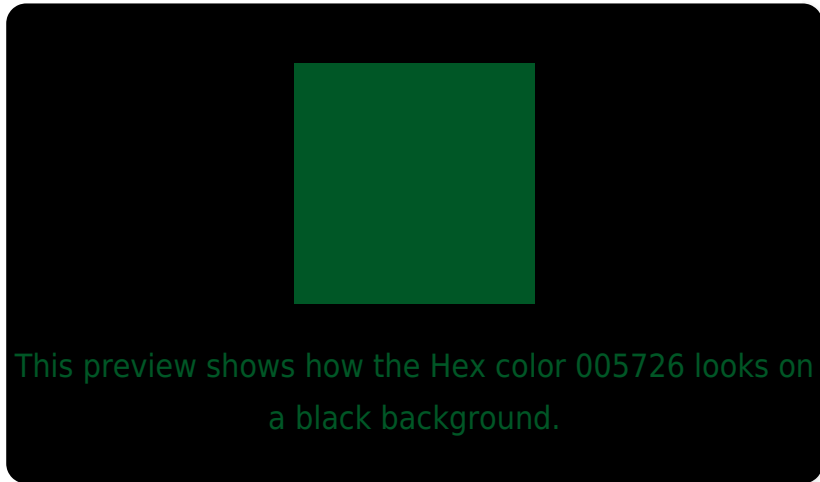
Large Text (above 18pt) WCAG AA ✓ Pass

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

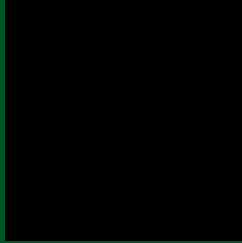
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 005726 Background



This preview shows how black text looks on a background with the Hex color 005726.



This preview shows how white text looks on a background with the Hex color 005726.

# 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**  
005726

**Protanopia**  
534B22

**Deuteranopia**  
5B472A



# Trichromacy



**Original Color**

005726



**Protanomaly**

354F23



**Deuteranomaly**

3A4D29



**Tritanomaly**

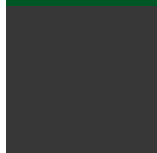
165446

# Monochromacy



**Original Color**

005726



**Achromatopsia**

373737



**Achromatomaly**

234331

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 005726 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 #005726 looks like.

```
.text, #text, p{  
    color:#005726  
}
```

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 #005726 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005726
}
```

## Border

The CSS property to change the border of an element to Hex 005726 is called "border". The border property can be set on classes, ids or directly on the HTML element.

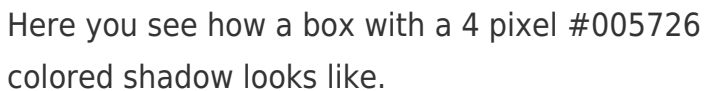
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#005726 }
```

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

```
.border{ border-color:#005726 }
```

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



Here you see how a box with a 4 pixel #005726 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005726; -webkit-box-shadow:4px 4px  
4px 4px #005726; box-shadow:4px 4px 4px  
4px #005726 }
```

# Background

The CSS property to change the background color of an element to Hex 005726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005726 }
```

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

```
.background{ background-color:#005726 }
```

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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