

# Converting Colors

Hex(005330)

Have a look what the booklet for  
Hex(005330) contains.

<b>Hex(005330)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(005330)**

# Conversions

## Conversions Part 1

Format	Color
Hex	005330
RGB	0, 83, 48
RGB Percent	0%, 33%, 19%
CMY	1.0000, 0.6745, 0.8118
CMYK	1.00, 0.00, 0.42, 0.67
HSL	155°, 100%, 16%
HSV	155°, 100%, 33%
XYZ	3.6268, 6.3999, 3.8405
YIQ	54.1930, -38.2330, -28.4810

# Conversions

## Conversions Part 2

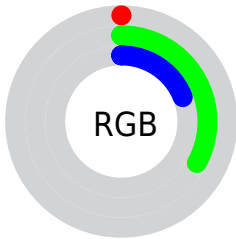
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 53, 83
Decimal	21296
CIELab	30.40, -31.67, 14.41
CIELCh	30, 34.793, 155.534
Yxy	6.3999, 0.2615, 0.4615
Android (android.graphics.Color)	4278211376 (0xFF005330)
YUV	54.1930, -3.0531, -47.5273
Hunter-Lab	25.2981, -18.6816, 8.7079

# Details

The Hex color **005330** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **530023**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **3F855E**, and **002601** is the 20% darker color. If you saturate the color by 10%, you get **005330**, and if you desaturate by 10%, it is **085333**.

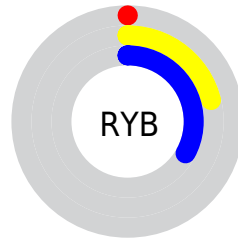
# Distribution



Red (0%)

Green (33%)

Blue (19%)



Red (0%)

Yellow (21%)

Blue (33%)

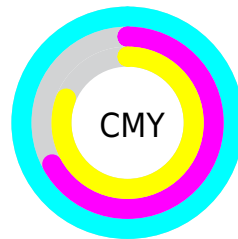


Cyan (100%)

Magenta (0%)

Yellow (42%)

Black (67%)



Cyan (100%)

Magenta (67%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 005330 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 005330 by changing the saturation by 10% instead.



 005330

 005330

FFFFFF

 003B1B

 3F855E

 002601

 59A077

 000300

 74BB91

 000000

 8FD7AC

 AAF4C7

 C6FFE3

 E3FFFF

 005330

■ 085333

■ 115337

■ 19533B

■ 21533E

■ 295342

■ 325345

■ 3A5348

■ 42534C

■ 4B534F

# Harmonies

## Analogous

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



354F18



005330



00554C

# Triad

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



005330



13497E



76332A

# Complementary

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



005330



530023

# 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.



782E44



005330



4F3E74

# Square

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



005330



005079



6C335F



673E15

# Rectangle

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



005330



00545E



6C335F



783132



# Sweetspot

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



005330



4B6B5E



245300



22362D



B5B5B5



363636



# Same Dimension

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



005330



006B3E



004D53



252927



00693C



00E886



# Inverse Universe

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



530023



6B002D



530600



292526



69002C



E80062



# Previews

## White Background



This preview shows how the Hex color 005330 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

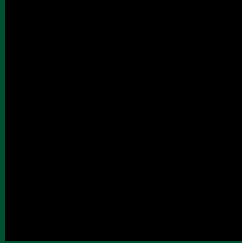
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 005330 Background



This preview shows how black text looks on a background with the Hex color 005330.



This preview shows how white text looks on a background with the Hex color 005330.

# 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**  
005330

**Protanopia**  
4E482C

**Deuteranopia**  
554533



**Tritanopia**  
1F4F55

# Trichromacy



**Original Color**  
005330

**Protanomaly**  
324C2D

**Deuteranomaly**  
364A32

**Tritanomaly**  
145048

# Monochromacy



**Original Color**  
005330

**Achromatopsia**  
363636

**Achromatomaly**  
224134

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 005330 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 #005330 looks like.

```
.text, #text, p{  
    color:#005330  
}
```

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 #005330 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005330
}
```

## Border

The CSS property to change the border of an element to Hex 005330 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
#005330 }
```

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

```
.border{ border-color:#005330 }
```

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

Here you see how a box with a 4 pixel #005330 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005330; -webkit-box-shadow:4px 4px  
4px 4px #005330; box-shadow:4px 4px 4px  
4px #005330 }
```

# Background

The CSS property to change the background color of an element to Hex 005330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005330 }
```

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

```
.background{ background-color:#005330 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor