

# Converting Colors

Hex(005531)

Have a look what the booklet for  
Hex(005531) contains.

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# Color

**Hex(005531)**

# Conversions

## Conversions Part 1

Format	Color
Hex	005531
RGB	0, 85, 49
RGB Percent	0%, 33%, 19%
CMY	1.0000, 0.6667, 0.8078
CMYK	1.00, 0.00, 0.42, 0.67
HSL	155°, 100%, 17%
HSV	155°, 100%, 33%
XYZ	3.8029, 6.7188, 4.0021
YIQ	55.4810, -39.1040, -29.2160

# Conversions

## Conversions Part 2

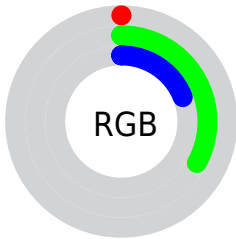
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 54, 85
Decimal	21809
CIELab	31.16, -32.25, 14.81
CIELCh	31, 35.491, 155.339
Yxy	6.7188, 0.2618, 0.4626
Android (android.graphics.Color)	4278211889 (0xFF005531)
YUV	55.4810, -3.1951, -48.6568
Hunter-Lab	25.9206, -19.1727, 8.9900

# Details

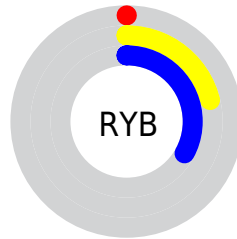
The Hex color **005531** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **550024**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **408860**, and **002703** is the 20% darker color. If you saturate the color by 10%, you get **005531**, and if you desaturate by 10%, it is **085535**.

# Distribution



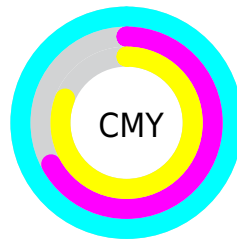
- Red (0%)
- Green (33%)
- Blue (19%)



- 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 005531 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 005531 by changing the saturation by 10% instead.



 005531

 005531

FFFFFF

 003D1C

 408860

 002703

 5AA278

 000800

 75BD92

 000000

 90D9AD

 ABF6C8

 C8FFE4

 E4FFFF

 005531

■ 085535

■ 115538

■ 19553C

■ 22553F

■ 2A5543

■ 335547

■ 3B554A

■ 44554E

■ 4C5551

# Harmonies

## Analogous

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



365119



005531



00574E

# Triad

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



005531



124B81



79352B

# Complementary

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



005531



550024

# 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.



7B2F45



005531



514077

# Square

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



005531



00527C



6F3461



6A3F15

# Rectangle

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



005531



005660



6F3461



7B3233



# Sweetspot

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



005531



4D6E60



255500



243830



B8B8B8



383838



# Same Dimension

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



005531



006E3F



004F55



272B2A



006B3E



00EB87



# Inverse Universe

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



550024



6E002E



550600



2B2729



6B002D



EB0063



# Previews

## White Background



This preview shows how the Hex color 005531 looks on a white background.

## Color Contrast Check

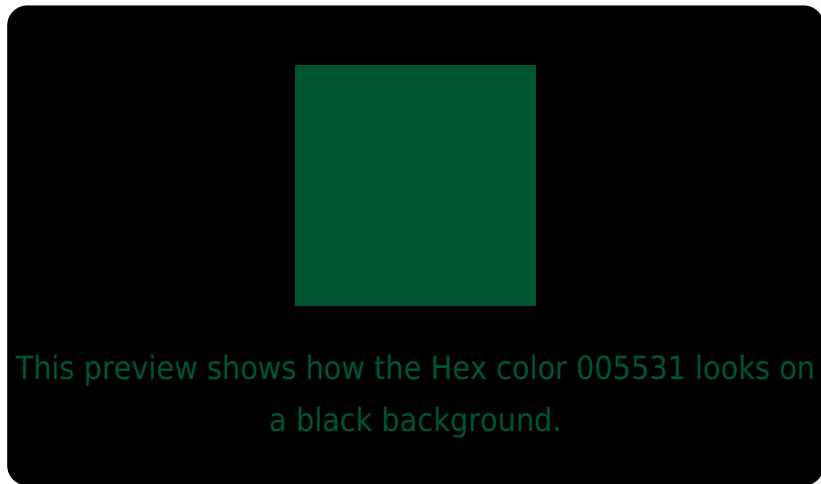
Large Text (above 18pt) WCAG AA ✓ Pass

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

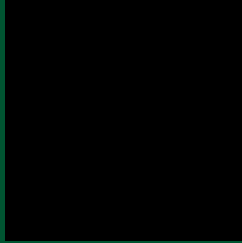
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 005531 Background



This preview shows how black text looks on a background with the Hex color 005531.



This preview shows how white text looks on a background with the Hex color 005531.

# 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**  
005531

**Protanopia**  
504A2D

**Deuteranopia**  
574634



# Trichromacy



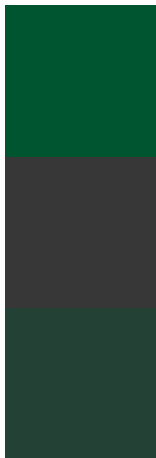
**Original Color**  
005531

**Protanomaly**  
334E2E

**Deuteranomaly**  
374B33

**Tritanomaly**  
145249

# Monochromacy



**Original Color**  
005531

**Achromatopsia**  
373737

**Achromatomaly**  
234235

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 005531 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 #005531 looks like.

```
.text, #text, p{  
    color:#005531  
}
```

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 #005531 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005531
}
```

## Border

The CSS property to change the border of an element to Hex 005531 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
#005531 }
```

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

```
.border{ border-color:#005531 }
```

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

Here you see how a box with a 4 pixel #005531 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005531; -webkit-box-shadow:4px 4px  
4px 4px #005531; box-shadow:4px 4px 4px  
4px #005531 }
```

# Background

The CSS property to change the background color of an element to Hex 005531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005531 }
```

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

```
.background{ background-color:#005531 }
```

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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