

# Converting Colors

Hex(005814)

Have a look what the booklet for  
Hex(005814) contains.

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# Color

**Hex(005814)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	005814
RGB	0, 88, 20
RGB Percent	0%, 35%, 8%
CMY	1.0000, 0.6549, 0.9216
CMYK	1.00, 0.00, 0.77, 0.65
HSL	134°, 100%, 17%
HSV	134°, 100%, 35%
XYZ	3.6160, 7.0300, 1.8282
YIQ	53.9360, -30.6200, -39.8040

# Conversions

## Conversions Part 2

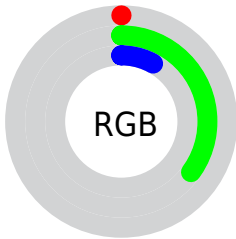
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 72, 88</a>
Decimal	<a href="#">22548</a>
CIELab	<a href="#">31.88, -38.19, 31.33</a>
CIELCh	<a href="#">32, 49.400, 140.638</a>
Yxy	<a href="#">7.0300, 0.2899, 0.5636</a>
Android (android.graphics.Color)	<a href="#">4278212628 (0xFF005814)</a>
YUV	<a href="#">53.9360, -16.7304, -47.3019</a>
Hunter-Lab	<a href="#">26.5141, -22.0558, 14.4718</a>

# Details

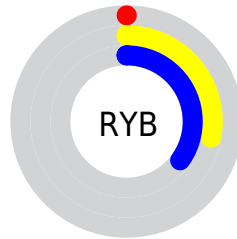
The Hex color **005814** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **580044**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **428B43**, and **002A00** is the 20% darker color. If you saturate the color by 10%, you get **005814**, and if you desaturate by 10%, it is **09581B**.

# Distribution



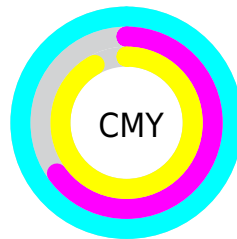
- Red (0%)
- Green (35%)
- Blue (8%)



- Red (0%)
- Yellow (28%)
- Blue (35%)



- Cyan (100%)
- Magenta (0%)
- Yellow (77%)
- Black (65%)



- Cyan (100%)
- Magenta (65%)
- Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 005814 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 005814 by changing the saturation by 10% instead.



 005814

 005814

FFFFFFE

 004000

 428B43

 002A00

 5DA65C

 000D00

 78C175

 000000

 93DD8F

 AFFAAA

 CBFFC5

 E8FFE2

 005814

■ 09581B

■ 125822

■ 1A5828

■ 23582F

■ 2C5836

■ 35583D

■ 3E5844

■ 46584A

■ 4F5851

# Harmonies

## Analogous

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



425100



005814



005B3D

# Triad

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



005814



005398



8E2032

# Complementary

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



005814



580044

# 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.



891F59



005814



2A4694

# Square

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



005814



005A87



6D327D



80330D

# Rectangle

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



005814



005C58



6D327D



8F1D3F



# Sweetspot

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



005814



507358



455800



263B2A



BABABA



3B3B3B



# Same Dimension

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



005814



00731A



00583F



272B28



006B18



00EB35



# Inverse Universe

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



580044



730059



580019



2B272A



6B0053

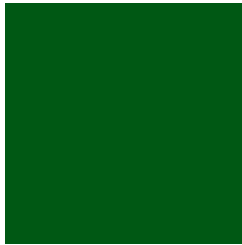


EB00B5



# Previews

## White Background



This preview shows how the Hex color 005814 looks on a white background.

## Color Contrast Check

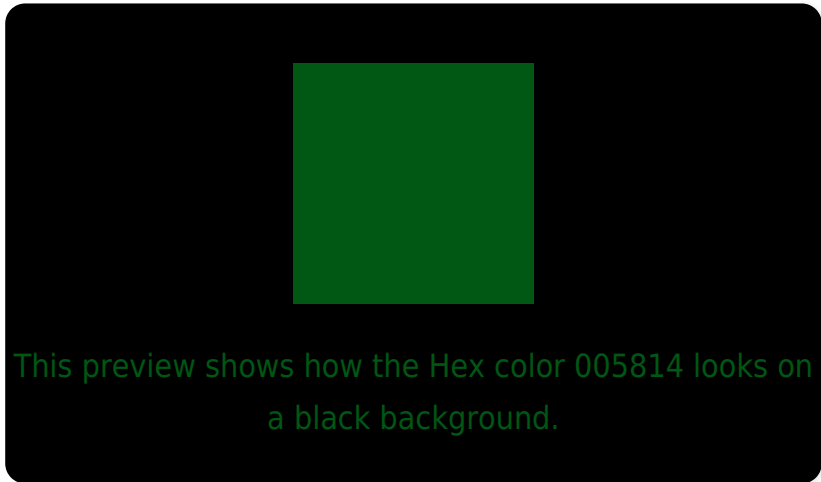
Large Text (above 18pt) WCAG AA ✓ Pass

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 005814 Background



This preview shows how black text looks on a background with the Hex color 005814.



This preview shows how white text looks on a background with the Hex color 005814.

# 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**  
005814

**Protanopia**  
554B11

**Deuteranopia**  
5E481B



**Tritanopia**  
245259

# Trichromacy



**Original Color**  
005814



**Protanomaly**  
365012



**Deuteranomaly**  
3C4E18

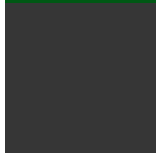


**Tritanomaly**  
175440

# Monochromacy



**Original Color**  
005814



**Achromatopsia**  
363636



**Achromatomaly**  
22422A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 005814 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 #005814 looks like.

```
.text, #text, p{  
    color:#005814  
}
```

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 #005814 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005814
}
```

## Border

The CSS property to change the border of an element to Hex 005814 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".

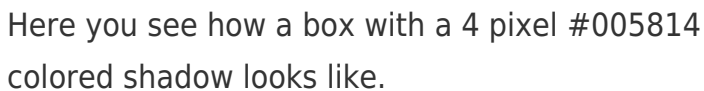
```
.border, #border, table{ border:4px solid
#005814 }
```

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

```
.border{ border-color:#005814 }
```

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

Here you see how a box with a 4 pixel #005814 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005814; -webkit-box-shadow:4px 4px  
4px 4px #005814; box-shadow:4px 4px 4px  
4px #005814 }
```

# Background

The CSS property to change the background color of an element to Hex 005814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005814 }
```

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

```
.background{ background-color:#005814 }
```

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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