

# Converting Colors

Hex(005205)

Have a look what the booklet for  
Hex(005205) contains.

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# Color

Hex(005205)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	005205
RGB	0, 82, 5
RGB Percent	0%, 32%, 2%
CMY	1.0000, 0.6784, 0.9804
CMYK	1.00, 0.00, 0.94, 0.68
HSL	124°, 100%, 16%
HSV	124°, 100%, 32%
XYZ	3.0447, 6.0455, 1.1500
YIQ	48.7040, -24.1550, -41.3310

# Conversions

## Conversions Part 2

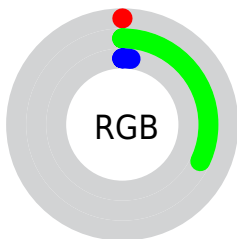
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 77, 82
Decimal	20997
CIELab	29.53, -37.44, 34.61
CIELCh	30, 50.990, 137.248
Yxy	6.0455, 0.2973, 0.5904
Android (android.graphics.Color)	4278211077 (0xFF005205)
YUV	48.7040, -21.5461, -42.7134
Hunter-Lab	24.5877, -20.9248, 14.4383

# Details

The Hex color **005205** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **52004D**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **418437**, and **002600** is the 20% darker color. If you saturate the color by 10%, you get **005205**, and if you desaturate by 10%, it is **08520D**.

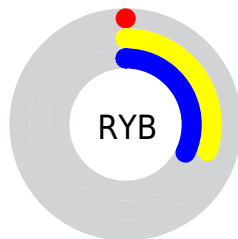
# Distribution



Red (0%)

Green (32%)

Blue (2%)



Red (0%)

Yellow (30%)

Blue (32%)

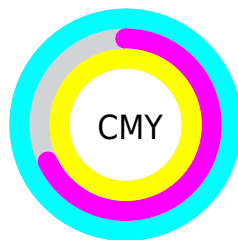


Cyan (100%)

Magenta (0%)

Yellow (94%)

Black (68%)



Cyan (100%)

Magenta (68%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 005205 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 005205 by changing the saturation by 10% instead.



 005205

 005205

 FFFFF1

 003A00

 418437

 002600

 5B9F50

 000000

 76BA69

 91D682

 ADF39D

 C9FFB8

 E6FFD4

 005205


 08520D

 105214

 19521C

 215224

 29522C

 315233

 39523B

 425243

 4A524A

# Harmonies

## Analogous

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



414B00



005205



005633

# Triad

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



005205



004F93



891331

# Complementary

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



005205



52004D

# 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.



821658



005205



004392

# Square

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



005205



00557F



622E7C



7D2A09

# Rectangle

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



005205



00564E



622E7C



8A0F3E



# Sweetspot

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



005205



4B6B4D



4E5200



223623



B5B5B5



363636



# Same Dimension

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



005205



006B07



00522D



252925



006906



00E80E



# Inverse Universe

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



52004D



6B0065



520025



292529



690062

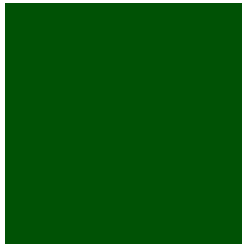


E800DA



# Previews

## White Background



This preview shows how the Hex color 005205 looks on a white background.

## Color Contrast Check

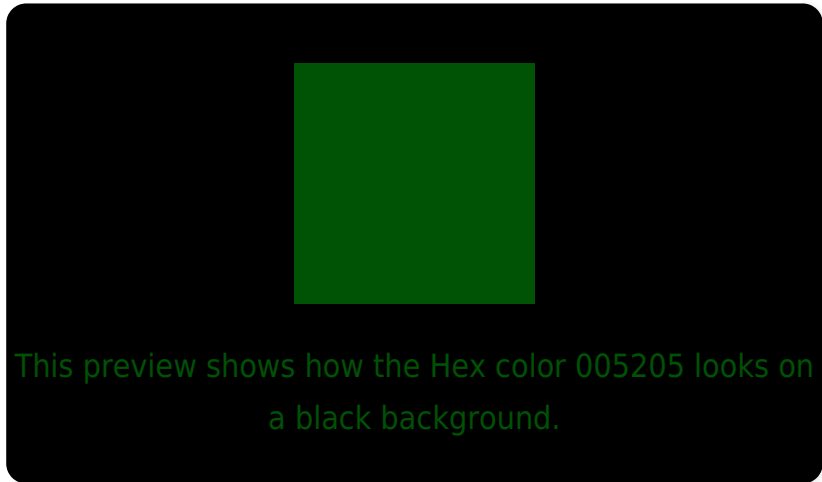
Large Text (above 18pt) WCAG AA ✓ Pass

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 005205 Background



This preview shows how black text looks on a background with the Hex color 005205.



This preview shows how white text looks on a background with the Hex color 005205.

# 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**  
005205

**Protanopia**  
4F4600

**Deuteranopia**  
584212



# Trichromacy



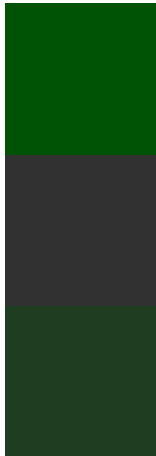
**Original Color**  
005205

**Protanomaly**  
324A02

**Deuteranomaly**  
38480D

**Tritanomaly**  
164E36

# Monochromacy



**Original Color**  
005205

**Achromatopsia**  
313131

**Achromatomaly**  
1F3D21

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 005205 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 #005205 looks like.

```
.text, #text, p{  
    color:#005205  
}
```

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 #005205 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005205
}
```

## Border

The CSS property to change the border of an element to Hex 005205 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
#005205 }
```

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

```
.border{ border-color:#005205 }
```

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

Here you see how a box with a 4 pixel #005205 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005205; -webkit-box-shadow:4px 4px  
4px 4px #005205; box-shadow:4px 4px 4px  
4px #005205 }
```

# Background

The CSS property to change the background color of an element to Hex 005205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005205 }
```

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

```
.background{ background-color:#005205 }
```

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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