

# Converting Colors

Hex(005B05)

Have a look what the booklet for  
Hex(005B05) contains.

<b>Hex(005B05)</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(005B05)**

# Conversions

## Conversions Part 1

Format	Color
Hex	005B05
RGB	0, 91, 5
RGB Percent	0%, 36%, 2%
CMY	1.0000, 0.6431, 0.9804
CMYK	1.00, 0.00, 0.95, 0.64
HSL	123°, 100%, 18%
HSV	123°, 100%, 36%
XYZ	3.7685, 7.4931, 1.3913
YIQ	53.9870, -26.6300, -46.0380

# Conversions

## Conversions Part 2

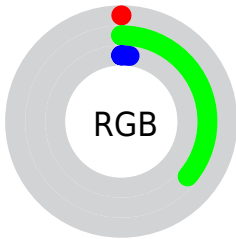
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 86, 91
Decimal	23301
CIELab	32.90, -40.30, 37.56
CIELCh	33, 55.088, 137.014
Yxy	7.4931, 0.2978, 0.5922
Android (android.graphics.Color)	4278213381 (0xFF005B05)
YUV	53.9870, -24.1506, -47.3466
Hunter-Lab	27.3736, -23.3299, 16.1481

# Details

The Hex color **005B05** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **5B0056**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **448E39**, and **002C00** is the 20% darker color. If you saturate the color by 10%, you get **005B05**, and if you desaturate by 10%, it is **095B0E**.

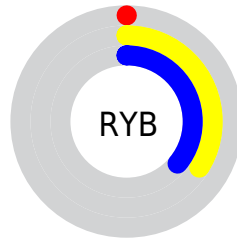
# Distribution



Red (0%)

Green (36%)

Blue (2%)



Red (0%)

Yellow (34%)

Blue (36%)

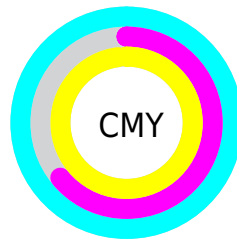


Cyan (100%)

Magenta (0%)

Yellow (95%)

Black (64%)



Cyan (100%)

Magenta (64%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 005B05 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 005B05 by changing the saturation by 10% instead.



 005B05

 005B05

 FFFFF4

 004300

 448E39

 002C00

 5FA952

 001200

 7BC56B

 000000

 96E185

 B2FEA0

 CEFFBC

 ECFFD8

 005B05

 095B0E

 125B16

 1B5B1F

 245B27

 2E5B30

 375B39

 405B41

 495B4A

 525B52

# Harmonies

## Analogous

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



485300



005B05



005F38

# Triad

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



005B05



0058A3



981537

# Complementary

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



005B05



5B0056

# 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.



901862



005B05



004AA2

# Square

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



005B05



005F8D



6D3489



8B2F0B

# Rectangle

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



005B05



006057



6D3489



981045



# Sweetspot

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



005B05



527554



565B00



263B27



BABABA



3B3B3B



# Same Dimension

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



005B05



007506



005B32



292E2A



006E06



00ED0D



# Inverse Universe

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



5B0056



75006F



5B0029



2E292E



6E0068

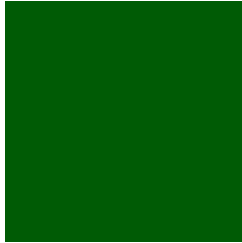


ED00E0



# Previews

## White Background



This preview shows how the Hex color 005B05 looks on a white background.

## Color Contrast Check

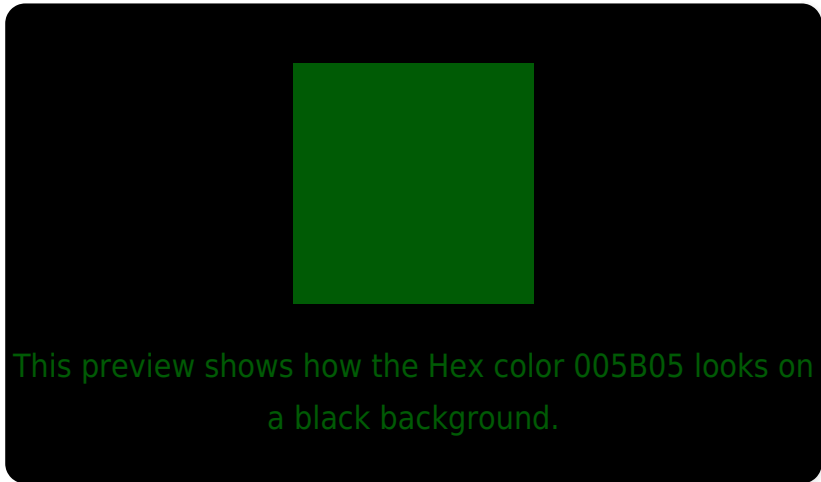
Large Text (above 18pt) WCAG AA ✓ Pass

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

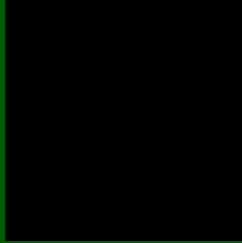
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 005B05 Background



This preview shows how black text looks on a background with the Hex color 005B05.



This preview shows how white text looks on a background with the Hex color 005B05.

# 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**  
005B05

**Protanopia**  
584E00

**Deuteranopia**  
624A14



**Tritanopia**  
26555B

# Trichromacy



**Original Color**  
005B05



**Protanomaly**  
385302



**Deuteranomaly**  
3E500F

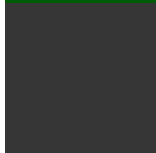


**Tritanomaly**  
18573C

# Monochromacy



**Original Color**  
005B05



**Achromatopsia**  
363636



**Achromatomaly**  
224324

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 005B05 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 #005B05 looks like.

```
.text, #text, p{  
    color:#005B05  
}
```

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 #005B05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005B05
}
```

## Border

The CSS property to change the border of an element to Hex 005B05 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
#005B05 }
```

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

```
.border{ border-color:#005B05 }
```

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

Here you see how a box with a 4 pixel #005B05 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005B05; -webkit-box-shadow:4px 4px  
4px 4px #005B05; box-shadow:4px 4px 4px  
4px #005B05 }
```

# Background

The CSS property to change the background color of an element to Hex 005B05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005B05 }
```

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

```
.background{ background-color:#005B05 }
```

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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