

# Converting Colors

Hex(005F05)

Have a look what the booklet for  
Hex(005F05) contains.

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# Color

**Hex(005F05)**

# Conversions

## Conversions Part 1

Format	Color
Hex	005F05
RGB	0, 95, 5
RGB Percent	0%, 37%, 2%
CMY	1.0000, 0.6275, 0.9804
CMYK	1.00, 0.00, 0.95, 0.63
HSL	123°, 100%, 19%
HSV	123°, 100%, 37%
XYZ	4.1196, 8.1954, 1.5083
YIQ	56.3350, -27.7300, -48.1300

# Conversions

## Conversions Part 2

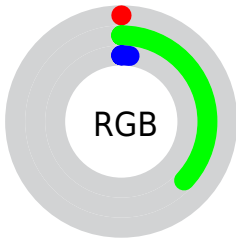
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 90, 95</a>
Decimal	<a href="#">24325</a>
CIELab	<a href="#">34.39, -41.55, 38.84</a>
CIELCh	<a href="#">34, 56.876, 136.930</a>
Yxy	<a href="#">8.1954, 0.2980, 0.5929</a>
Android (android.graphics.Color)	<a href="#">4278214405 (0xFF005F05)</a>
YUV	<a href="#">56.3350, -25.3082, -49.4058</a>
Hunter-Lab	<a href="#">28.6276, -24.4115, 16.9154</a>

# Details

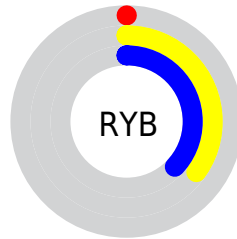
The Hex color **005F05** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **5F005A**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **46933A**, and **002F00** is the 20% darker color. If you saturate the color by 10%, you get **005F05**, and if you desaturate by 10%, it is **095F0E**.

# Distribution



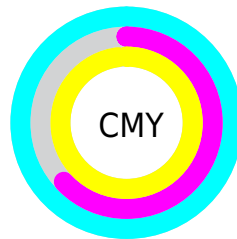
- Red (0%)
- Green (37%)
- Blue (2%)



- Red (0%)
- Yellow (35%)
- Blue (37%)



- Cyan (100%)
- Magenta (0%)
- Yellow (95%)
- Black (63%)



- Cyan (100%)
- Magenta (63%)
- Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 005F05 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 005F05 by changing the saturation by 10% instead.



 005F05

 005F05

 FFFFF6

 004600

 46933A

 002F00

 61AE53

 001800

 7CC96D

 000000

 98E687

 B4FFA2

 D1FFBD

 EEFFD9

 005F05

 095F0E

 135F17

 1D5F20

 265F29

 305F32

 395F3B

 435F44

 4C5F4D

 565F56

# Harmonies

## Analogous

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



4B5700



005F05



00633B

# Triad

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



005F05



005CAA



9E163A

# Complementary

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



005F05



5F005A

# 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.



961A67



005F05



004EA9

# Square

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



005F05



006393



71368F



91310C

# Rectangle

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



005F05



00645B



71368F



9E1148



# Sweetspot

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



005F05



567A58



5A5F00



273D28



BDBDBD



3D3D3D



# Same Dimension

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



005F05



007A06



005F34



2C302C



007006



00F00D



# Inverse Universe

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



5F005A



7A0074



5F002B



302C30



70006A

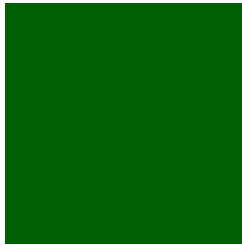


F000E3



# Previews

## White Background



This preview shows how the Hex color 005F05 looks on a white background.

## Color Contrast Check

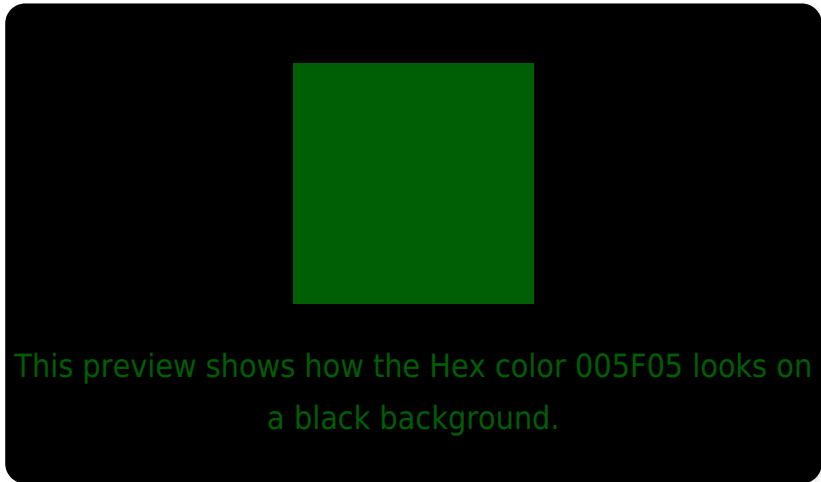
Large Text (above 18pt) WCAG AA ✓ Pass

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 005F05 Background



This preview shows how black text looks on a background with the Hex color 005F05.



This preview shows how white text looks on a background with the Hex color 005F05.

# 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](#).

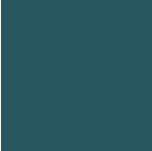
## Dichromacy



**Original Color**  
005F05

**Protanopia**  
5C5100

**Deuteranopia**  
664D15



**Tritanopia**  
28585F

# Trichromacy



**Original Color**  
005F05



**Protanomaly**  
3B5602



**Deuteranomaly**  
41540F

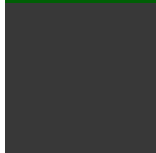


**Tritanomaly**  
195B3E

# Monochromacy



**Original Color**  
005F05



**Achromatopsia**  
383838



**Achromatomaly**  
244625

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 005F05 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 #005F05 looks like.

```
.text, #text, p{  
    color:#005F05  
}
```

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 #005F05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005F05
}
```

## Border

The CSS property to change the border of an element to Hex 005F05 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".

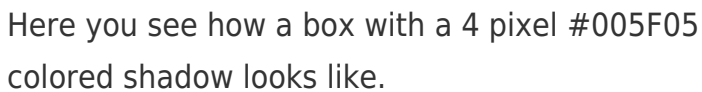
```
.border, #border, table{ border:4px solid
#005F05 }
```

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

```
.border{ border-color:#005F05 }
```

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

Here you see how a box with a 4 pixel #005F05 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005F05; -webkit-box-shadow:4px 4px  
4px 4px #005F05; box-shadow:4px 4px 4px  
4px #005F05 }
```

# Background

The CSS property to change the background color of an element to Hex 005F05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005F05 }
```

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

```
.background{ background-color:#005F05 }
```

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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