

# Converting Colors

Hex(051605)

Have a look what the booklet for  
Hex(051605) contains.

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# Color

**Hex(051605)**

# Conversions

## Conversions Part 1

Format	Color
Hex	051605
RGB	5, 22, 5
RGB Percent	2%, 9%, 2%
CMY	0.9804, 0.9137, 0.9804
CMYK	0.77, 0.00, 0.77, 0.91
HSL	120°, 63%, 5%
HSV	120°, 77%, 9%
XYZ	0.3769, 0.6170, 0.2428
YIQ	14.9790, -4.6750, -8.8910

# Conversions

## Conversions Part 2

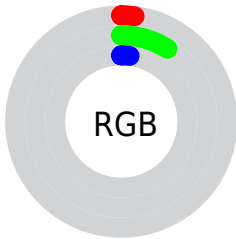
Format	Color
R <sub>Y</sub> B	5, 22, 22
Decimal	333317
CIE Lab	5.57, -8.59, 6.14
CIE LCh	6, 10.553, 144.444
Yxy	0.6170, 0.3047, 0.4989
Android (android.graphics.Color)	4278523397 (0xFF051605)
YUV	14.9790, -4.9196, -8.7516
Hunter-Lab	7.8552, -5.1822, 3.6659

# Details

The Hex color **051605** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **160516**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **334033**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **031603**, and if you desaturate by 10%, it is **071607**.

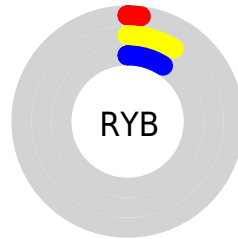
# Distribution



Red (2%)

Green (9%)

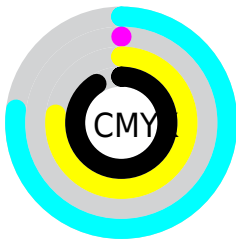
Blue (2%)



Red (2%)

Yellow (9%)

Blue (9%)

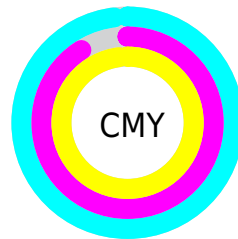


Cyan (77%)

Magenta (0%)

Yellow (77%)

Black (91%)



Cyan (98%)

Magenta (91%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 051605 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 051605 by changing the saturation by 10% instead.



■ 051605

■ 051605

■ E6F7E6

■ 000000

■ 334033

■ 49574A

■ 617061

■ 7A897A

■ 94A394

■ AEBFAF

■ CADACA

■ 051605

■ 051605

■ 031603

■ 071607

■ 011601

■ 091609

■ 001600

■ 0C160C

■ 0E160E

■ 101610

■ 121612

■ 141614

■ 171617

■ 191619

# Harmonies

## Analogous

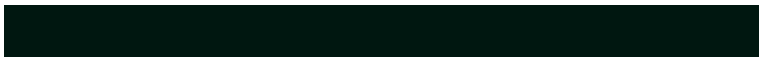
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



121400



051605



001710

# Triad

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



051605



041320



210C0A

# Complementary

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



051605



160516

# 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.



200C14



051605



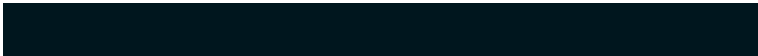
12111F

# Square

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



051605



00161E



1B0E1B



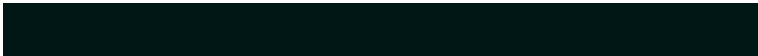
1F0E00

# Rectangle

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



051605



001716



1B0E1B



210C0E



# Sweetspot

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



051605



161C16



161605



0B0F0B



8F8F8F



0F0F0F



# Same Dimension

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



051605



021C02



05160E



090A09



004A00



00C900



# Inverse Universe

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



160516



1C021C



16050E



0A090A



4A004A

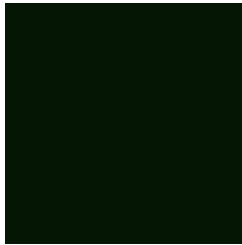


C900C9



# Previews

## White Background



This preview shows how the Hex color 051605 looks on a white background.

## Color Contrast Check

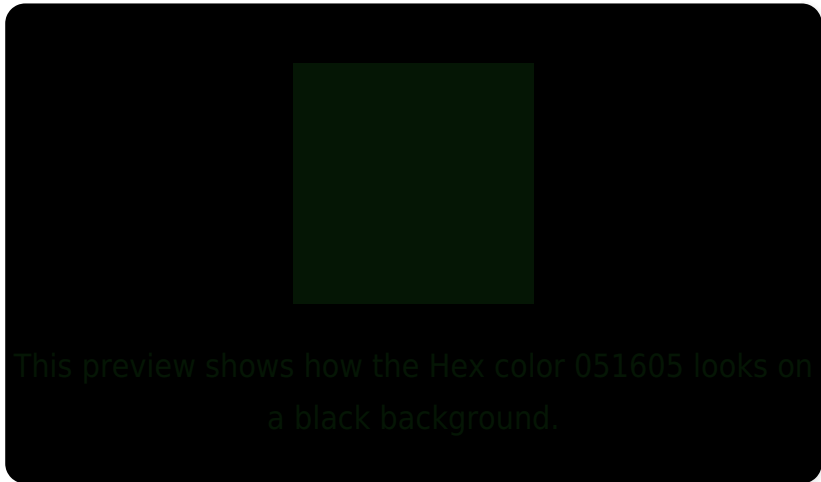
Large Text (above 18pt) WCAG AA ✓ Pass

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 051605 Background



This preview shows how black text looks on a background with the Hex color 051605.



This preview shows how white text looks on a background with the Hex color 051605.

# 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**  
051605

**Protanopia**  
151304

**Deuteranopia**  
181207



**Tritanopia**  
0A1516

# Trichromacy



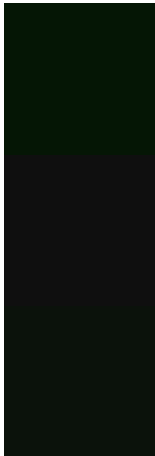
**Original Color**  
051605

**Protanomaly**  
0F1404

**Deuteranomaly**  
111306

**Tritanomaly**  
081510

# Monochromacy



**Original Color**  
051605

**Achromatopsia**  
0F0F0F

**Achromatomaly**  
0B120B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 051605 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 #051605 looks like.

```
.text, #text, p{  
    color:#051605  
}
```

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 #051605 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #051605
}
```

## Border

The CSS property to change the border of an element to Hex 051605 is called "border". The border property can be set on classes, ids or directly on the HTML element.

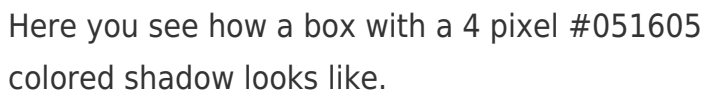
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#051605 }
```

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

```
.border{ border-color:#051605 }
```

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



Here you see how a box with a 4 pixel #051605 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #051605; -webkit-box-shadow:4px 4px  
4px 4px #051605; box-shadow:4px 4px 4px  
4px #051605 }
```

# Background

The CSS property to change the background color of an element to Hex 051605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#051605 }
```

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

```
.background{ background-color:#051605 }
```

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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