

# Converting Colors

Hex(081F05)

Have a look what the booklet for  
Hex(081F05) contains.

<b>Hex(081F05)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(081F05)**

# Conversions

## Conversions Part 1

Format	Color
Hex	081F05
RGB	8, 31, 5
RGB Percent	3%, 12%, 2%
CMY	0.9686, 0.8784, 0.9804
CMYK	0.74, 0.00, 0.84, 0.88
HSL	113°, 72%, 7%
HSV	113°, 84%, 12%
XYZ	0.6175, 1.0426, 0.3123
YIQ	21.1590, -5.3620, -12.9620

# Conversions

## Conversions Part 2

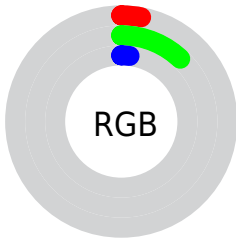
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	5, 31, 28
Decimal	532229
CIE Lab	9.34, -14.97, 11.64
CIE LCh	9, 18.960, 142.130
Yxy	1.0426, 0.3131, 0.5286
Android (android.graphics.Color)	4278722309 (0xFF081F05)
YUV	21.1590, -7.9664, -11.5404
Hunter-Lab	10.2106, -7.0731, 5.3341

# Details

The Hex color **081F05** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **1C051F**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **334B33**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **051F02**, and if you desaturate by 10%, it is **0B1F08**.

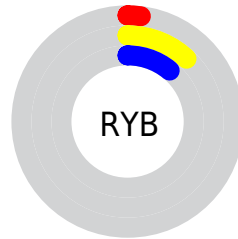
# Distribution



Red (3%)

Green (12%)

Blue (2%)



Red (2%)

Yellow (12%)

Blue (11%)

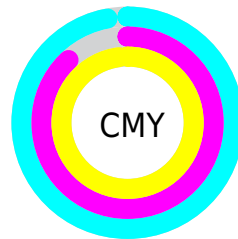


Cyan (74%)

Magenta (0%)

Yellow (84%)

Black (88%)



Cyan (97%)

Magenta (88%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 081F05 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 081F05 by changing the saturation by 10% instead.



 081F05

 081F05

 E8FFE6

 000000

 334B33

 4A6349

 627C61

 7B967A

 95B194

 B0CCA E

 CCE8CA

 081F05

 081F05

■ 051F02

■ 0B1F08

■ 041F00

■ 0D1F0B

■ 101F0E

■ 131F11

■ 161F14

■ 181F18

■ 1B1F1B

■ 1E1F1E

■ 211F21

# Harmonies

## Analogous

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



1A1C00



081F05



002116

# Triad

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



081F05



001D33



310F10

# Complementary

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



081F05



1C051F

# 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.



2F0F1E



081F05



141832

# Square

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



081F05



001F2E



26132A



2E1300

# Rectangle

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



081F05



00211F



26132A



310E15



# Sweetspot

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



081F05



20291F



1F1C05



0F140E



949494



141414



# Same Dimension

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



081F05



052900



051F0F



0E0F0E



094F00



18CF00



# Inverse Universe

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



1C051F



240029



1F0515



0F0E0F



46004F

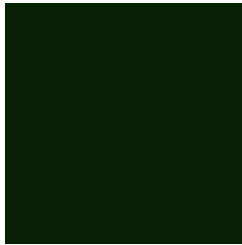


B700CF



# Previews

## White Background



This preview shows how the Hex color 081F05 looks on a white background.

## Color Contrast Check

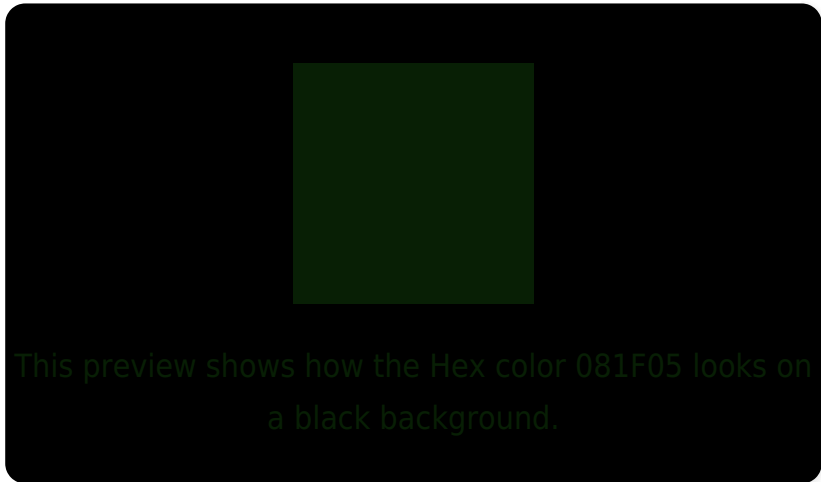
Large Text (above 18pt) WCAG AA ✓ Pass

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

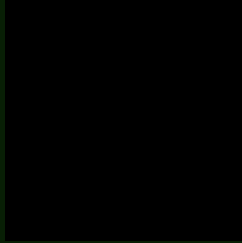
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 081F05 Background



This preview shows how black text looks on a background with the Hex color 081F05.



This preview shows how white text looks on a background with the Hex color 081F05.

# 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**  
081F05

**Protanopia**  
1E1B04

**Deuteranopia**  
211908



**Tritanopia**  
0F1D1F

# Trichromacy



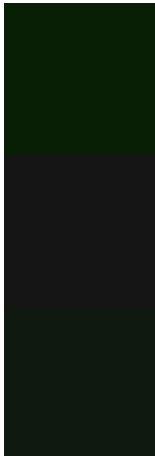
**Original Color**  
081F05

**Protanomaly**  
161C04

**Deuteranomaly**  
181B07

**Tritanomaly**  
0C1E16

# Monochromacy



**Original Color**  
081F05

**Achromatopsia**  
151515

**Achromatomaly**  
10190F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 081F05 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 #081F05 looks like.

```
.text, #text, p{  
    color:#081F05  
}
```

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 #081F05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #081F05
}
```

## Border

The CSS property to change the border of an element to Hex 081F05 is called "border". The border property can be set on classes, ids or directly on the HTML element.

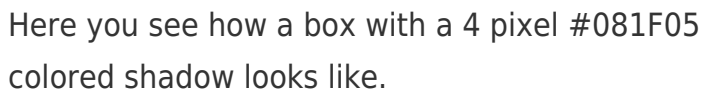
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#081F05 }
```

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

```
.border{ border-color:#081F05 }
```

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



Here you see how a box with a 4 pixel #081F05 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #081F05; -webkit-box-shadow:4px 4px  
4px 4px #081F05; box-shadow:4px 4px 4px  
4px #081F05 }
```

# Background

The CSS property to change the background color of an element to Hex 081F05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#081F05 }
```

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

```
.background{ background-color:#081F05 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor