

# Converting Colors

Hex(053107)

Have a look what the booklet for  
Hex(053107) contains.

<b>Hex(053107)</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(053107)**

# Conversions

## Conversions Part 1

Format	Color
Hex	053107
RGB	5, 49, 7
RGB Percent	2%, 19%, 3%
CMY	0.9804, 0.8078, 0.9725
CMYK	0.90, 0.00, 0.86, 0.81
HSL	123°, 81%, 11%
HSV	123°, 90%, 19%
XYZ	1.1993, 2.2442, 0.5710
YIQ	31.0560, -12.7420, -22.3900

# Conversions

## Conversions Part 2

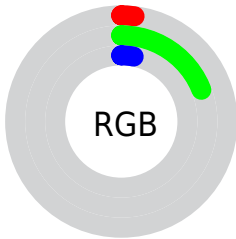
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 47, 49
Decimal	340231
CIELab	16.72, -24.63, 20.66
CIELCh	17, 32.150, 140.012
Yxy	2.2442, 0.2987, 0.5590
Android (android.graphics.Color)	4278530311 (0xFF053107)
YUV	31.0560, -11.8596, -22.8511
Hunter-Lab	14.9808, -11.9269, 8.2267

# Details

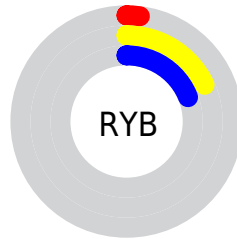
The Hex color **053107** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **31052F**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **366034**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **003102**, and if you desaturate by 10%, it is **0A310C**.

# Distribution



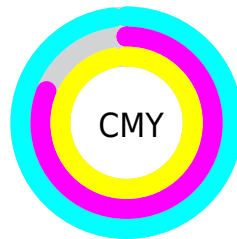
- Red (2%)
- Green (19%)
- Blue (3%)



- Red (2%)
- Yellow (18%)
- Blue (19%)



- Cyan (90%)
- Magenta (0%)
- Yellow (86%)
- Black (81%)



- Cyan (98%)
- Magenta (81%)
- Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 053107 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 053107 by changing the saturation by 10% instead.



 053107

 053107

 F0FFE9

 001E00

 366034

 000000

 4E794B

 679363

 81AE7C

 9CC996

 B7E5B1

 D3FFCD

 053107

 053107

■ 003102

■ 0A310C

■ 0F3110

■ 143115

■ 19311A

■ 1E311E

■ 223123

■ 273128

■ 2C312C

■ 313131

# Harmonies

## Analogous

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



262D00



053107



003321

# Triad

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



053107



002E57



51111B

# Complementary

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



053107



31052F

# 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.



4E1132



053107



162755

# Square

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



053107



00324C



3D1B47



4A1B01

# Rectangle

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



053107



003431



3D1B47



520F23



# Sweetspot

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



053107



2F402F



303105



172117



A1A1A1



212121



# Same Dimension

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



053107



004003



05311C



171A17



005904



00D90A



# Inverse Universe

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



31052F



40003D



31051A



1A1719



590055

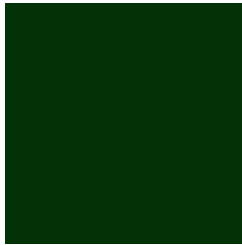


D900CF



# Previews

## White Background



This preview shows how the Hex color 053107 looks on a white background.

## Color Contrast Check

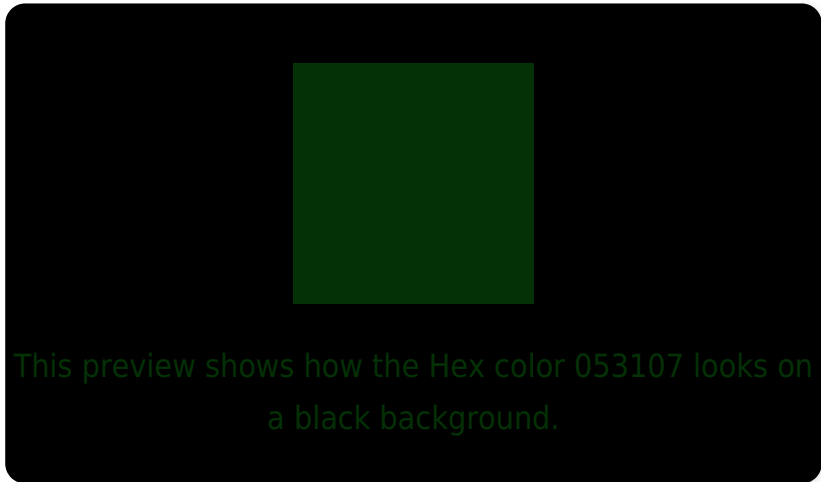
Large Text (above 18pt) WCAG AA ✓ Pass

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

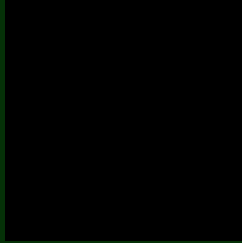
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 053107 Background



This preview shows how black text looks on a background with the Hex color 053107.



This preview shows how white text looks on a background with the Hex color 053107.

# 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**  
053107

**Protanopia**  
2F2A05

**Deuteranopia**  
35280C



**Tritanopia**  
152E31

# Trichromacy



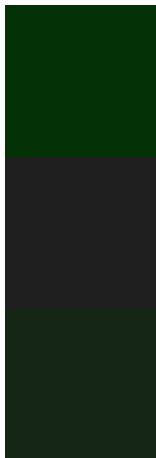
**Original Color**  
053107

**Protanomaly**  
202D06

**Deuteranomaly**  
242B0A

**Tritanomaly**  
0F2F22

# Monochromacy



**Original Color**  
053107

**Achromatopsia**  
1F1F1F

**Achromatomaly**  
162616

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 053107 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 #053107 looks like.

```
.text, #text, p{  
    color:#053107  
}
```

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 #053107 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #053107
}
```

## Border

The CSS property to change the border of an element to Hex 053107 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
#053107 }
```

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

```
.border{ border-color:#053107 }
```

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

Here you see how a box with a 4 pixel #053107 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #053107; -webkit-box-shadow:4px 4px  
4px 4px #053107; box-shadow:4px 4px 4px  
4px #053107 }
```

# Background

The CSS property to change the background color of an element to Hex 053107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#053107 }
```

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

```
.background{ background-color:#053107 }
```

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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