

# Converting Colors

Hex(053117)

Have a look what the booklet for  
Hex(053117) contains.

<b>Hex(053117)</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(053117)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	053117
RGB	5, 49, 23
RGB Percent	2%, 19%, 9%
CMY	0.9804, 0.8078, 0.9098
CMYK	0.90, 0.00, 0.53, 0.81
HSL	145°, 81%, 11%
HSV	145°, 90%, 19%
XYZ	1.3156, 2.2908, 1.1834
YIQ	32.8800, -17.8780, -17.4140

# Conversions

## Conversions Part 2

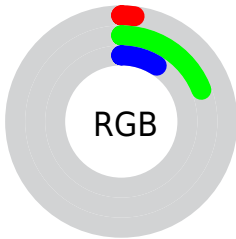
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 36, 49
Decimal	340247
CIELab	16.94, -21.95, 12.50
CIELCh	17, 25.262, 150.345
Yxy	2.2908, 0.2747, 0.4783
Android (android.graphics.Color)	4278530327 (0xFF053117)
YUV	32.8800, -4.8708, -24.4508
Hunter-Lab	15.1352, -10.9714, 5.9587

# Details

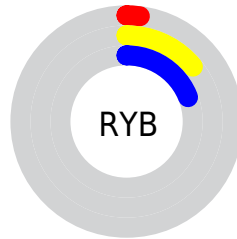
The Hex color **053117** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **31051F**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **366042**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **003114**, and if you desaturate by 10%, it is **0A311A**.

# Distribution



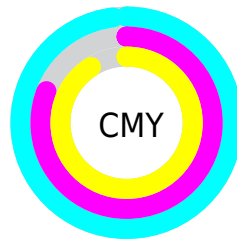
- Red (2%)
- Green (19%)
- Blue (9%)



- Red (2%)
- Yellow (14%)
- Blue (19%)



- Cyan (90%)
- Magenta (0%)
- Yellow (53%)
- Black (81%)



- Cyan (98%)
- Magenta (81%)
- Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 053117 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 053117 by changing the saturation by 10% instead.



 053117

 053117

 EFFFFA

 001D00

 366042

 000000

 4E795A

 679372

 81AD8C

 9BC9A6

 B6E5C1

 D2FFDD

 053117

 053117

■ 003114

■ 0A311A

■ 0F311D

■ 143120

■ 193123

■ 1E3125

■ 223128

■ 27312B

■ 2C312E

■ 313131

# Harmonies

## Analogous

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



212E06



053117



003229

# Triad

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



053117



002C4E



491B19

# Complementary

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



053117



31051F

# 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.



4A192A



053117



2A2549

# Square

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



053117



003049



401D3C



412207

# Rectangle

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



053117



003236



401D3C



4A1A1E



# Sweetspot

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



053117



2F4036



1F3105



17211B



A1A1A1



212121



# Same Dimension

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



053117



00401A



05312D



171A18



005925



00D959



# Inverse Universe

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



31051F



400026



310509



1A1718



590035

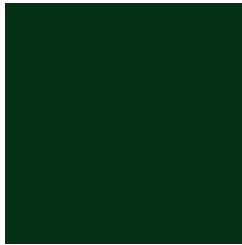


D90080



# Previews

## White Background



This preview shows how the Hex color 053117 looks on a white background.

## Color Contrast Check

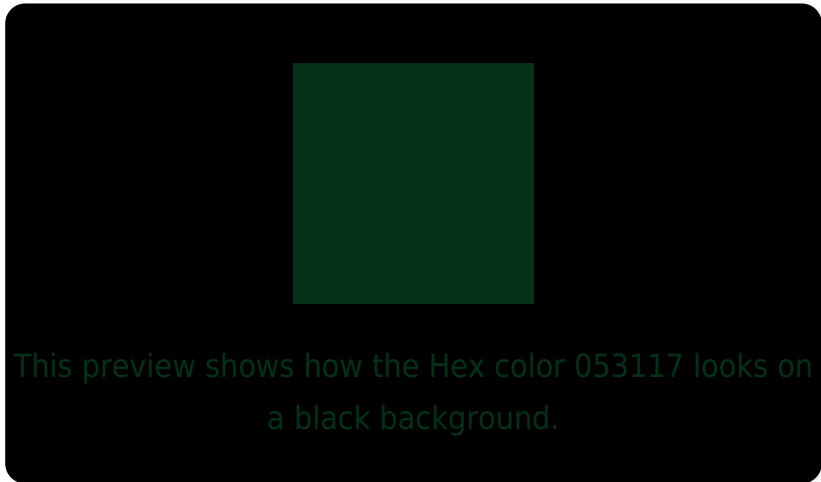
Large Text (above 18pt) WCAG AA ✓ Pass

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

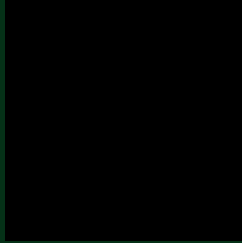
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 053117 Background



This preview shows how black text looks on a background with the Hex color 053117.



This preview shows how white text looks on a background with the Hex color 053117.

# 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**  
053117

**Protanopia**  
2F2A15

**Deuteranopia**  
332819



**Tritanopia**  
132E32

# Trichromacy



**Original Color**  
053117

**Protanomaly**  
202D16

**Deuteranomaly**  
222B18

**Tritanomaly**  
0E2F28

# Monochromacy



**Original Color**  
053117

**Achromatopsia**  
212121

**Achromatomaly**  
17271D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 053117 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 #053117 looks like.

```
.text, #text, p{  
    color:#053117  
}
```

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 #053117 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #053117
}
```

## Border

The CSS property to change the border of an element to Hex 053117 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
#053117 }
```

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

```
.border{ border-color:#053117 }
```

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

Here you see how a box with a 4 pixel #053117 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #053117; -webkit-box-shadow:4px 4px  
4px 4px #053117; box-shadow:4px 4px 4px  
4px #053117 }
```

# Background

The CSS property to change the background color of an element to Hex 053117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#053117 }
```

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

```
.background{ background-color:#053117 }
```

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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