

# Converting Colors

Hex(063415)

Have a look what the booklet for  
Hex(063415) contains.

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# Color

Hex(063415)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	063415
RGB	6, 52, 21
RGB Percent	2%, 20%, 8%
CMY	0.9765, 0.7961, 0.9176
CMYK	0.88, 0.00, 0.60, 0.80
HSL	140°, 79%, 11%
HSV	140°, 88%, 20%
XYZ	1.4385, 2.5488, 1.1256
YIQ	34.7120, -17.4650, -19.3930

# Conversions

## Conversions Part 2

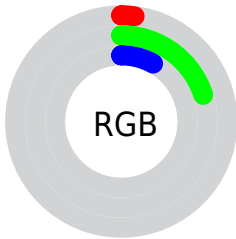
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 41, 52
Decimal	406549
CIELab	18.14, -23.47, 15.29
CIELCh	18, 28.011, 146.917
Yxy	2.5488, 0.2813, 0.4985
Android (android.graphics.Color)	4278596629 (0xFF063415)
YUV	34.7120, -6.7600, -25.1804
Hunter-Lab	15.9651, -11.8561, 6.9953

# Details

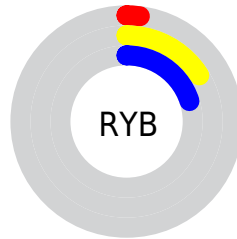
The Hex color **063415** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **340625**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **386340**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **013411**, and if you desaturate by 10%, it is **0B3419**.

# Distribution



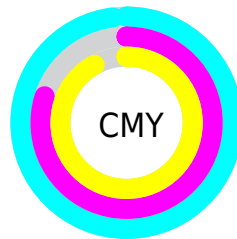
- Red (2%)
- Green (20%)
- Blue (8%)



- Red (2%)
- Yellow (16%)
- Blue (20%)



- Cyan (88%)
- Magenta (0%)
- Yellow (60%)
- Black (80%)



- Cyan (98%)
- Magenta (80%)
- Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 063415 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 063415 by changing the saturation by 10% instead.



 063415

 063415

 F1FFF8

 002000

 386340

 000000

 507C58

 699670

 83B18A

 9ECDA4

 B9E9BF

 D5FFDB

 063415

 063415

■ 013411

■ 0B3419

■ 003411

■ 10341C

■ 163420

■ 1B3423

■ 203427

■ 25342A

■ 2A342E

■ 303431

■ 353435

# Harmonies

## Analogous

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



253002



063415



003629

# Triad

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



063415



002F55



501B1B

# Complementary

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



063415



340625

# 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.



4F192F



063415



282851

# Square

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



063415



00344E



431F43



472308

# Rectangle

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



063415



003637



431F43



511922



# Sweetspot

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



063415



324538



253406



18241C



A3A3A3



242424



# Same Dimension

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



063415



004516



06342C



171A18



00591D



00D947



# Inverse Universe

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



340625



45002E



34060E



1A1719



59003C

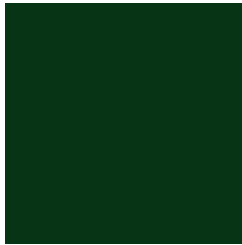


D90092



# Previews

## White Background



This preview shows how the Hex color 063415 looks on a white background.

## Color Contrast Check

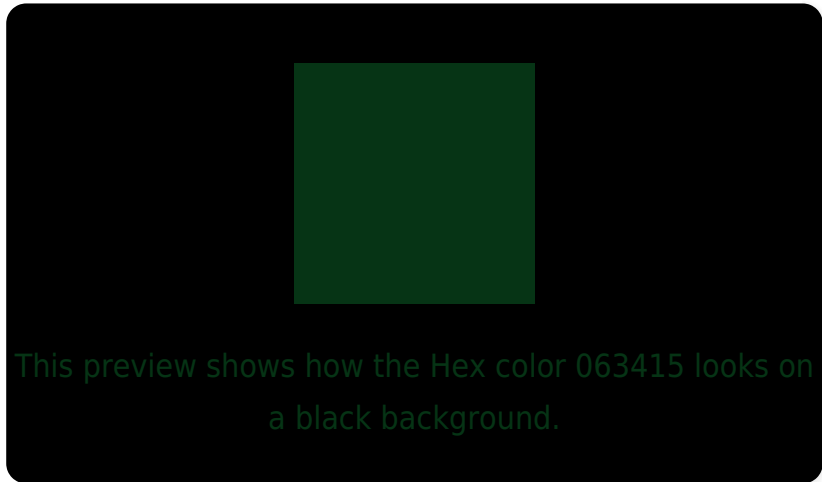
Large Text (above 18pt) WCAG AA ✓ Pass

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

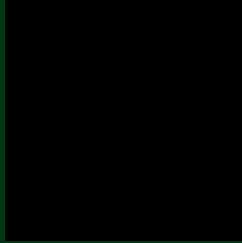
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 063415 Background



This preview shows how black text looks on a background with the Hex color 063415.



This preview shows how white text looks on a background with the Hex color 063415.

# 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**  
063415

**Protanopia**  
322D13

**Deuteranopia**  
372B18



**Tritanopia**  
153135

# Trichromacy



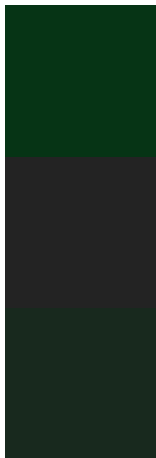
**Original Color**  
063415

**Protanomaly**  
223014

**Deuteranomaly**  
252E17

**Tritanomaly**  
103229

# Monochromacy



**Original Color**  
063415

**Achromatopsia**  
232323

**Achromatomaly**  
18291E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 063415 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 #063415 looks like.

```
.text, #text, p{  
    color:#063415  
}
```

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 #063415 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #063415
}
```

## Border

The CSS property to change the border of an element to Hex 063415 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
#063415 }
```

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

```
.border{ border-color:#063415 }
```

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

Here you see how a box with a 4 pixel #063415 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #063415; -webkit-box-shadow:4px 4px  
4px 4px #063415; box-shadow:4px 4px 4px  
4px #063415 }
```

# Background

The CSS property to change the background color of an element to Hex 063415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#063415 }
```

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

```
.background{ background-color:#063415 }
```

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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