

# Converting Colors

Hex(064418)

Have a look what the booklet for  
Hex(064418) contains.

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# Color

**Hex(064418)**

# Conversions

## Conversions Part 1

Format	Color
Hex	064418
RGB	6, 68, 24
RGB Percent	2%, 27%, 9%
CMY	0.9765, 0.7333, 0.9059
CMYK	0.91, 0.00, 0.65, 0.73
HSL	137°, 84%, 15%
HSV	137°, 91%, 27%
XYZ	2.3071, 4.2389, 1.5607
YIQ	44.4460, -22.8280, -26.8280

# Conversions

## Conversions Part 2

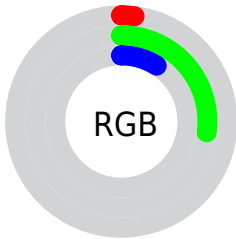
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 54, 68
Decimal	410648
CIELab	24.45, -29.57, 21.15
CIELCh	24, 36.353, 144.421
Yxy	4.2389, 0.2846, 0.5229
Android (android.graphics.Color)	4278600728 (0xFF064418)
YUV	44.4460, -10.0799, -33.7171
Hunter-Lab	20.5886, -16.0279, 9.9175

# Details

The Hex color **064418** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **440632**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **3D7545**, and **001800** is the 20% darker color. If you saturate the color by 10%, you get **004414**, and if you desaturate by 10%, it is **0D441D**.

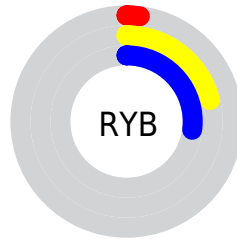
# Distribution



Red (2%)

Green (27%)

Blue (9%)



Red (2%)

Yellow (21%)

Blue (27%)

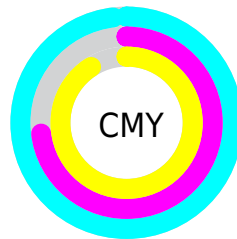


Cyan (91%)

Magenta (0%)

Yellow (65%)

Black (73%)



Cyan (98%)

Magenta (73%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 064418 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 064418 by changing the saturation by 10% instead.



 064418

 064418

 FBFFFE

 002D00

 3D7545

 001800

 578F5C

 000000

 70AA75

 8BC58F

 A6E1AA

 C2FEC5

 DEFFE1

 064418

 064418

■ 004414

■ 0D441D

■ 144422

■ 1A4426

■ 21442B

■ 284430

■ 2F4435

■ 36443A

■ 3C443F

■ 434443

# Harmonies

## Analogous

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



323F00



064418



004634

# Triad

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



064418



003F71



6A2025

# Complementary

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



064418



440632

# 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.



681E40



064418



2F356C

# Square

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



064418



004466



56285A



5F2C0C

# Rectangle

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



064418



004747



56285A



6B1E2E



# Sweetspot

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



064418



415948



324406



1F2E23



ADADAD



2E2E2E



# Same Dimension

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



064418



00591A



064437



1E211F



00611C



00E041



# Inverse Universe

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



440632



59003F



440613



211E20



610045

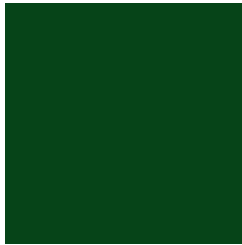


E0009F



# Previews

## White Background



This preview shows how the Hex color 064418 looks on a white background.

## Color Contrast Check

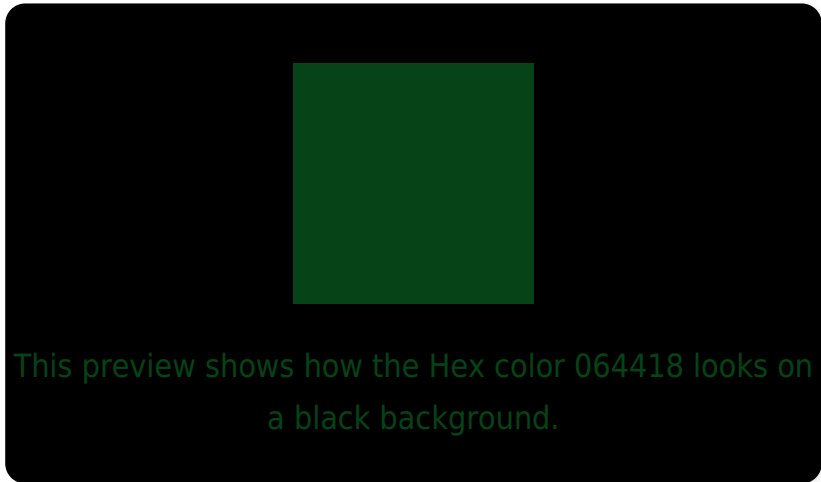
Large Text (above 18pt) WCAG AA ✓ Pass

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

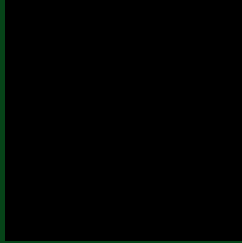
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 064418 Background



This preview shows how black text looks on a background with the Hex color 064418.



This preview shows how white text looks on a background with the Hex color 064418.

# 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**  
064418

**Protanopia**  
413A15

**Deuteranopia**  
48381C



**Tritanopia**  
1C4045

# Trichromacy



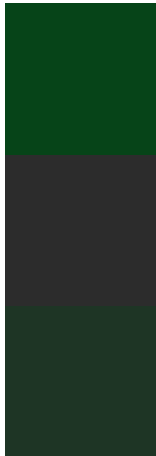
**Original Color**  
064418

**Protanomaly**  
2C3E16

**Deuteranomaly**  
303C1B

**Tritanomaly**  
144135

# Monochromacy



**Original Color**  
064418

**Achromatopsia**  
2C2C2C

**Achromatomaly**  
1E3525

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 064418 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 #064418 looks like.

```
.text, #text, p{  
    color:#064418  
}
```

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 #064418 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #064418
}
```

## Border

The CSS property to change the border of an element to Hex 064418 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
#064418 }
```

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

```
.border{ border-color:#064418 }
```

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

Here you see how a box with a 4 pixel #064418 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #064418; -webkit-box-shadow:4px 4px  
4px 4px #064418; box-shadow:4px 4px 4px  
4px #064418 }
```

# Background

The CSS property to change the background color of an element to Hex 064418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#064418 }
```

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

```
.background{ background-color:#064418 }
```

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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