

# Converting Colors

Hex(084F03)

Have a look what the booklet for  
Hex(084F03) contains.

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# Color

**Hex(084F03)**

# Conversions

## Conversions Part 1

Format	Color
Hex	084F03
RGB	8, 79, 3
RGB Percent	3%, 31%, 1%
CMY	0.9686, 0.6902, 0.9882
CMYK	0.90, 0.00, 0.96, 0.69
HSL	116°, 93%, 16%
HSV	116°, 96%, 31%
XYZ	2.9126, 5.6502, 1.0232
YIQ	49.1070, -17.9200, -38.6880

# Conversions

## Conversions Part 2

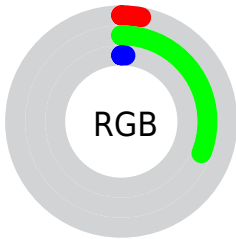
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	3, 79, 74
Decimal	544515
CIE <sub>Lab</sub>	28.51, -35.40, 34.54
CIE <sub>LCh</sub>	29, 49.457, 135.703
Yxy	5.6502, 0.3038, 0.5894
Android (android.graphics.Color)	4278734595 (0xFF084F03)
YUV	49.1070, -22.7308, -36.0508
Hunter-Lab	23.7701, -19.7259, 14.0868

# Details

The Hex color **084F03** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4A034F**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **448135**, and **002400** is the 20% darker color. If you saturate the color by 10%, you get **054F00**, and if you desaturate by 10%, it is **0F4F0B**.

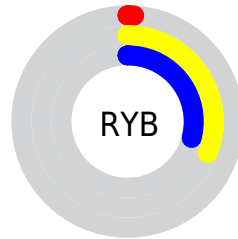
# Distribution



Red (3%)

Green (31%)

Blue (1%)



Red (1%)

Yellow (31%)

Blue (29%)

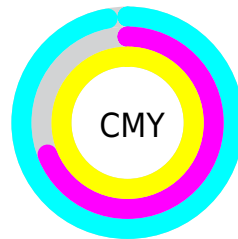


Cyan (90%)

Magenta (0%)

Yellow (96%)

Black (69%)



Cyan (97%)

Magenta (69%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 084F03 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 084F03 by changing the saturation by 10% instead.



 084F03

 084F03

 FFFFEE

 003700

 448135

 002400

 5E9B4D

 000000

 78B766

 93D280

 AFEF9B

 CBFFB6

 E8FFD2

 084F03

 084F03

■ 054F00

■ 0F4F0B

■ 174F13

■ 1E4F1B

■ 264F23

■ 2D4F2B

■ 344F32

■ 3C4F3A

■ 434F42

■ 4A4F4A

# Harmonies

## Analogous

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



414800



084F03



00532F

# Triad

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



084F03



004D8E



851231

# Complementary

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



084F03



4A034F

# 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.



7D1757



084F03



00418E

# Square

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



084F03



00527A



5D2E79



7A280C

# Rectangle

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



084F03



00544A



5D2E79



850F3E



# Sweetspot

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



084F03



4A6648



4F4A03



223321



B3B3B3



333333



# Same Dimension

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



084F03



076600



034F24



232622



0FE600

# Inverse Universe

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



4A034F



5F0066



4F032E



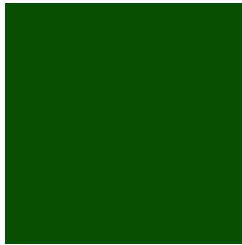
262226



D600E6

# Previews

## White Background



This preview shows how the Hex color 084F03 looks on a white background.

## Color Contrast Check

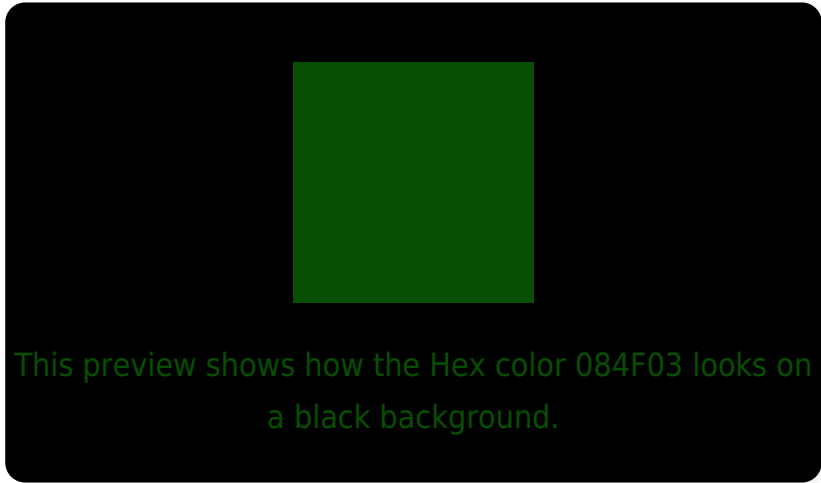
Large Text (above 18pt) WCAG AA ✓ Pass

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

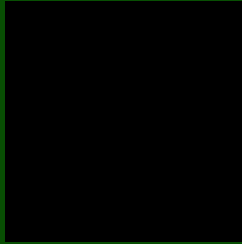
Any Text WCAG AA × Fail

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 084F03 Background



This preview shows how black text looks on a background with the Hex color 084F03.



This preview shows how white text looks on a background with the Hex color 084F03.

# 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

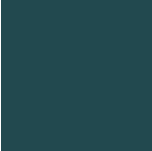


**Original Color**  
084F03

**Protanopia**  
4C4400

**Deuteranopia**  
554011





**Tritanopia**  
22494F

# Trichromacy



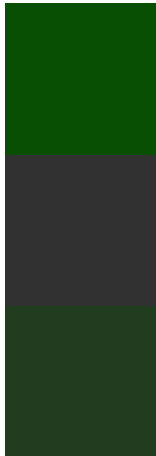
**Original Color**  
084F03

**Protanomaly**  
334801

**Deuteranomaly**  
39450C

**Tritanomaly**  
194B33

# Monochromacy



**Original Color**  
084F03

**Achromatopsia**  
313131

**Achromatomaly**  
223C20

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 084F03 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 #084F03 looks like.

```
.text, #text, p{  
    color:#084F03  
}
```

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 #084F03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #084F03
}
```

## Border

The CSS property to change the border of an element to Hex 084F03 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".

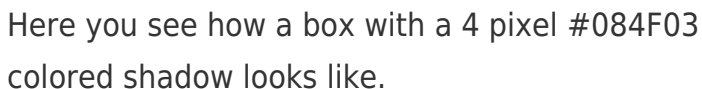
```
.border, #border, table{ border:4px solid
#084F03 }
```

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

```
.border{ border-color:#084F03 }
```

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

Here you see how a box with a 4 pixel #084F03 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #084F03; -webkit-box-shadow:4px 4px  
4px 4px #084F03; box-shadow:4px 4px 4px  
4px #084F03 }
```

# Background

The CSS property to change the background color of an element to Hex 084F03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#084F03 }
```

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

```
.background{ background-color:#084F03 }
```

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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