

# Converting Colors

Hex(034F07)

Have a look what the booklet for  
Hex(034F07) contains.

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# Color

**Hex(034F07)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>                |
|---------------|-----------------------------|
| Hex           | 034F07                      |
| RGB           | 3, 79, 7                    |
| RGB Percent   | 1%, 31%, 3%                 |
| CMY           | 0.9882, 0.6902, 0.9725      |
| CMYK          | 0.96, 0.00, 0.91, 0.69      |
| HSL           | 123°, 93%, 16%              |
| HSV           | 123°, 96%, 31%              |
| XYZ           | 2.8719, 5.6267, 1.1357      |
| YIQ           | 48.0680, -22.1840, -38.5040 |

# Conversions

## Conversions Part 2

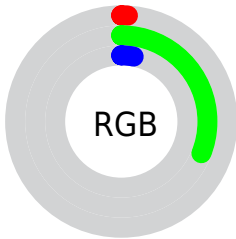
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 3, 75, 79                      |
| Decimal                             | 216839                         |
| CIE <sub>Lab</sub>                  | 28.45, -35.86, 32.94           |
| CIE <sub>LCh</sub>                  | 28, 48.696, 137.433            |
| Yxy                                 | 5.6267, 0.2981,<br>0.5840      |
| Android<br>(android.graphics.Color) | 4278406919<br>(0xFF034F07)     |
| YUV                                 | 48.0680, -20.2465,<br>-39.5246 |
| Hunter-Lab                          | 23.7206, -19.8998,<br>13.7657  |

# Details

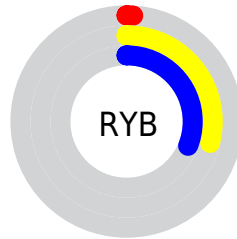
The Hex color **034F07** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **4F034B**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **418138**, and **002400** is the 20% darker color. If you saturate the color by 10%, you get **004F04**, and if you desaturate by 10%, it is **0B4F0E**.

# Distribution



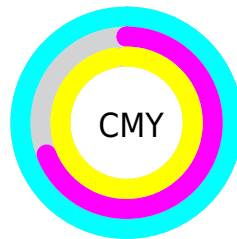
- Red (1%)
- Green (31%)
- Blue (3%)



- Red (1%)
- Yellow (29%)
- Blue (31%)



- Cyan (96%)
- Magenta (0%)
- Yellow (91%)
- Black (69%)



- Cyan (99%)
- Magenta (69%)
- Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 034F07 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 034F07 by changing the saturation by 10% instead.



 034F07

 034F07

 FFFFFF1

 003700

 418138

 002400

 5B9C50

 000000

 76B769

 91D383

 ACEF9E

 C9FFB9

 E5FFD5

 034F07

 034F07

■ 004F04

■ 0B4F0E

■ 134F16

■ 1B4F1D

■ 234F25

■ 2B4F2C

■ 324F34

■ 3A4F3B

■ 424F43

■ 4A4F4A

# Harmonies

## Analogous

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



3F4800



034F07



005231

# Triad

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



034F07



004C8D



84152F

# Complementary

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



034F07



4F034B

# 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.



7D1755



034F07



0A408C

# Square

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



034F07



00527A



5F2D76



78290A

# Rectangle

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



034F07



00534C



5F2D76



84113B



# Sweetspot

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



034F07



48664A



4B4F03



213322



B3B3B3



333333



# Same Dimension

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



034F07



006605



034F2D



222623



00E60C

# Inverse Universe

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



4F034B



660061



4F0325



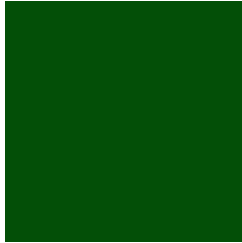
262226



E600D9

# Previews

## White Background



This preview shows how the Hex color 034F07 looks on a white background.

## Color Contrast Check

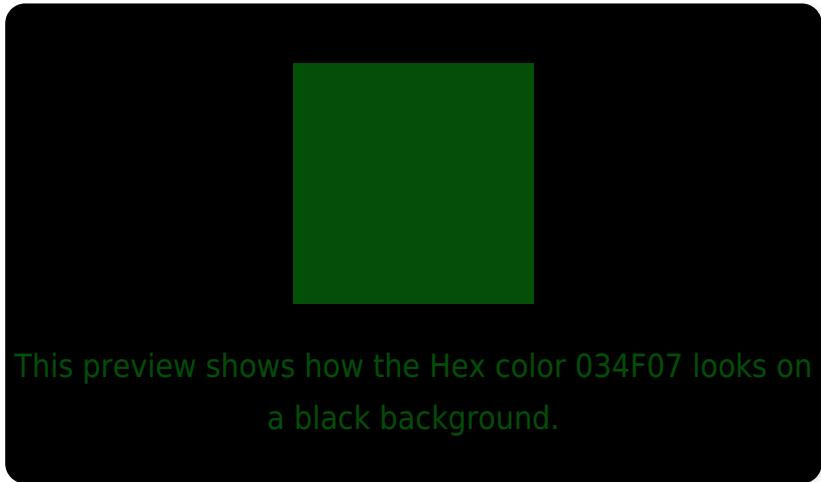
Large Text (above 18pt) WCAG AA ✓ Pass

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

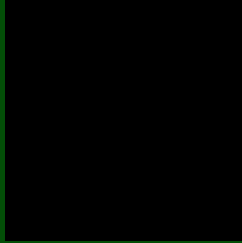
Any Text WCAG AA × Fail

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 034F07 Background



This preview shows how black text looks on a background with the Hex color 034F07.



This preview shows how white text looks on a background with the Hex color 034F07.

# 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

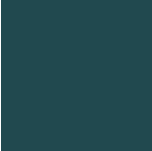


**Original Color**  
034F07

**Protanopia**  
4C4400

**Deuteranopia**  
554012





**Tritanopia**  
21494F

# Trichromacy



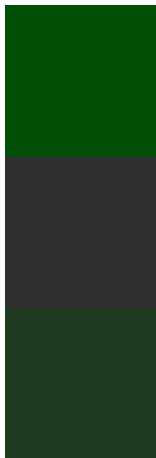
**Original Color**  
034F07

**Protanomaly**  
314803

**Deuteranomaly**  
37450E

**Tritanomaly**  
164B35

# Monochromacy



**Original Color**  
034F07

**Achromatopsia**  
303030

**Achromatomaly**  
203B21

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 034F07 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 #034F07 looks like.

```
.text, #text, p{  
    color:#034F07  
}
```

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 #034F07 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #034F07
}
```

## Border

The CSS property to change the border of an element to Hex 034F07 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
#034F07 }
```

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

```
.border{ border-color:#034F07 }
```

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

Here you see how a box with a 4 pixel #034F07 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #034F07; -webkit-box-shadow:4px 4px  
4px 4px #034F07; box-shadow:4px 4px 4px  
4px #034F07 }
```

# Background

The CSS property to change the background color of an element to Hex 034F07 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#034F07 }
```

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

```
.background{ background-color:#034F07 }
```

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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