

# Converting Colors

Hex(08BF4F)

Have a look what the booklet for  
Hex(08BF4F) contains.

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**Color**

**Hex(08BF4F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	08BF4F
RGB	8, 191, 79
RGB Percent	3%, 75%, 31%
CMY	0.9686, 0.2510, 0.6902
CMYK	0.96, 0.00, 0.59, 0.25
HSL	143°, 92%, 39%
HSV	143°, 96%, 75%
XYZ	20.1422, 37.8777, 13.6467
YIQ	123.5150, -73.1160, -73.6280

# Conversions

## Conversions Part 2

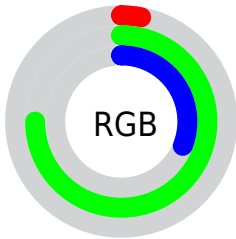
<b>Format</b>	<b>Color</b>
<b>RYB</b>	8, 140, 191
Decimal	573263
CIELab	67.93, -63.67, 44.62
CIELCh	68, 77.748, 144.978
Yxy	37.8777, 0.2811, 0.5285
Android (android.graphics.Color)	4278763343 (0xFF08BF4F)
YUV	123.5150, -21.9459, -101.3067
Hunter-Lab	61.5449, -49.2846, 29.9347

# Details

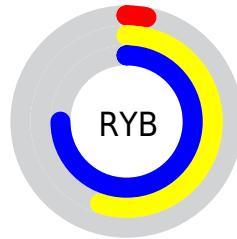
The Hex color **08BF4F** is a dark color, and the websafe version is hex **00CC66**. A complement of this color would be **BF0878**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **64F983**, and **00881A** is the 20% darker color. If you saturate the color by 10%, you get **00BF4A**, and if you desaturate by 10%, it is **1BBF5B**.

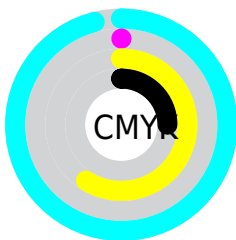
# Distribution



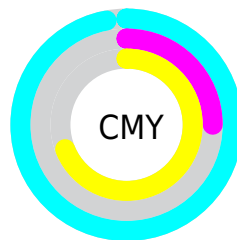
- Red (3%)
- Green (75%)
- Blue (31%)



- Red (3%)
- Yellow (55%)
- Blue (75%)



- Cyan (96%)
- Magenta (0%)
- Yellow (59%)
- Black (25%)



- Cyan (97%)
- Magenta (25%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 08BF4F 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 08BF4F by changing the saturation by 10% instead.



 08BF4F

 08BF4F

FFFFFF

 00A335

 64F983

 00881A

 84FF9E

 006D00

 A3FFBA

 005300

 C1FFD6

 003B00

 E0FFF3

 002300

FEFFFF

 000000

 08BF4F

 08BF4F

 00BF4A

 1BBF5B

 2EBF66

 41BF72

 54BF7E

 68BF89

 7BBF95

 8EBFA1

 A1BFAD

 B4BFB8

# Harmonies

## Analogous

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



8DB300



08BF4F



00C597

# Triad

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



08BF4F



00B2FF



FF626F

# Complementary

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



08BF4F



BF0878

# 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.



FF5CB4



08BF4F



8A98FF

# Square

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



08BF4F



00C0FF



EE76F7



FF812E

# Rectangle

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



08BF4F



00C6C8



EE76F7



FF5C85

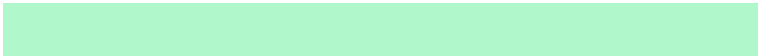


# Sweetspot

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



08BF4F



B0F7CB



79BF08



517D62



FCFCFC



7D7D7D



# Same Dimension

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



08BF4F



00F760



08BFAA



555E59



009E3D



001F0C



# Inverse Universe

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



BF0878



F70097



BF081D



5E555B



9E0061



1F0013



# Previews

## White Background



This preview shows how the Hex color 08BF4F looks on a white background.

## Color Contrast Check

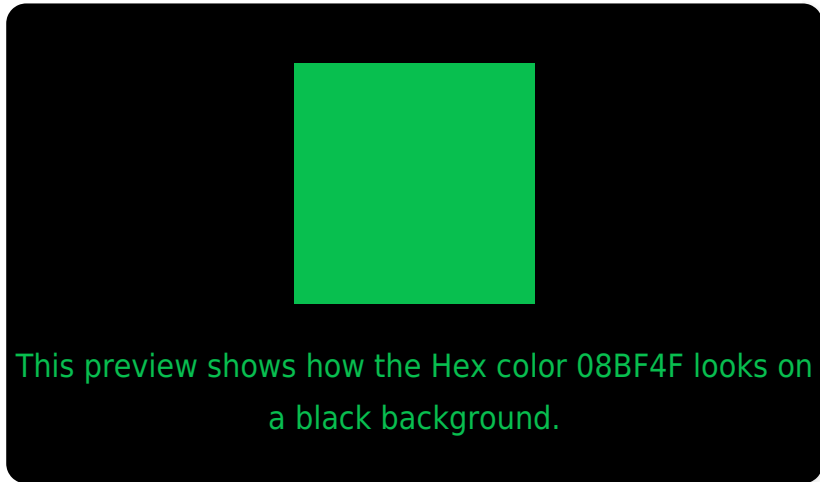
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

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



## Hex 08BF4F Background



This preview shows how black text looks on a background with the Hex color 08BF4F.



This preview shows how white text looks on a background with the Hex color 08BF4F.

# 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](#).

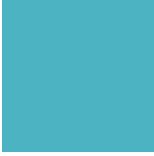
## Dichromacy



**Original Color**  
08BF4F

**Protanopia**  
B7A447

**Deuteranopia**  
C99C59



**Tritanopia**  
4CB3C2

# Trichromacy



**Original Color**  
08BF4F



**Protanomaly**  
77AE4A



**Deuteranomaly**  
83A955



**Tritanomaly**  
33B798

# Monochromacy



**Original Color**  
08BF4F



**Achromatopsia**  
7C7C7C



**Achromatomaly**  
52946C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 08BF4F 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 #08BF4F looks like.

```
.text, #text, p{  
    color:#08BF4F  
}
```

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 #08BF4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #08BF4F
}
```

## Border

The CSS property to change the border of an element to Hex 08BF4F 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
#08BF4F }
```

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

```
.border{ border-color:#08BF4F }
```

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

Here you see how a box with a 4 pixel #08BF4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #08BF4F; -webkit-box-shadow:4px 4px  
4px 4px #08BF4F; box-shadow:4px 4px 4px  
4px #08BF4F }
```

# Background

The CSS property to change the background color of an element to Hex 08BF4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#08BF4F }
```

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

```
.background{ background-color:#08BF4F }
```

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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