

# Converting Colors

Hex(8BF376)

Have a look what the booklet for  
Hex(8BF376) contains.

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# **Color**

**Hex(8BF376)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8BF376
RGB	139, 243, 118
RGB Percent	55%, 95%, 46%
CMY	0.4549, 0.0471, 0.5373
CMYK	0.43, 0.00, 0.51, 0.05
HSL	110°, 84%, 71%
HSV	110°, 51%, 95%
XYZ	45.9681, 70.8982, 28.4015
YIQ	197.6540, -21.8590, -60.9230

# Conversions

## Conversions Part 2

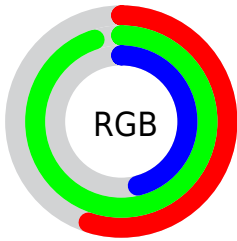
Format	Color
<a href="#">RYB</a>	<a href="#">118, 243, 222</a>
Decimal	<a href="#">9171830</a>
CIELab	<a href="#">87.44, -53.37, 50.55</a>
CIElCh	<a href="#">87, 73.509, 136.555</a>
Yxy	<a href="#">70.8982, 0.3164, 0.4881</a>
Android (android.graphics.Color)	<a href="#">4287361910 (0xFF8BF376)</a>
YUV	<a href="#">197.6540, -39.2694, -51.4396</a>
Hunter-Lab	<a href="#">84.2010, -49.9029, 38.9419</a>

# Details

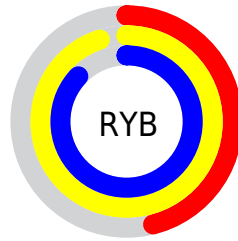
The Hex color **8BF376** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **DE76F3**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **C5FFAD**, and **50BA41** is the 20% darker color. If you saturate the color by 10%, you get **77F35E**, and if you desaturate by 10%, it is **9FF38E**.

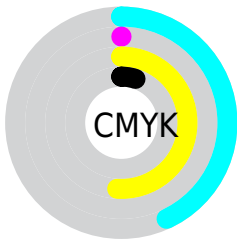
# Distribution



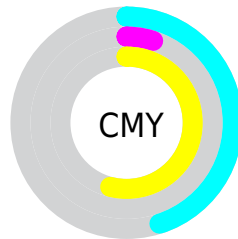
- Red (55%)
- Green (95%)
- Blue (46%)



- Red (46%)
- Yellow (95%)
- Blue (87%)



- Cyan (43%)
- Magenta (0%)
- Yellow (51%)
- Black (5%)



- Cyan (45%)
- Magenta (5%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8BF376 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 8BF376 by changing the saturation by 10% instead.



 8BF376

 8BF376

FFFFFF

 6ED65B

 C5FFAD

 50BA41

 E3FFC9

 309E26

 FFFFE5

 008401

 006A00

 005000

 003800

 002100

 000000

 8BF376

 8BF376

 77F35E

 9FF38E

 63F345

 B3F3A7

 4EF32D

 C8F3BF

 3AF315

 DCF3D7

 29F300

 F0F3EF

 FFF3FF

# Harmonies

## Analogous

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



DCE34A



8BF376



00FBB8

# Triad

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



8BF376



00ECFF



FF9DB7

# Complementary

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



8BF376



DE76F3

# Split Complementary

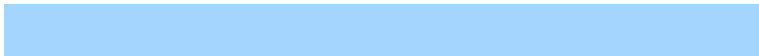
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFA0FE



8BF376



A4D5FF

# Square

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



8BF376



00F9FF



FFB8FF



FFB178

# Rectangle

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



8BF376



00FDE9



FFB8FF



FF9BCF

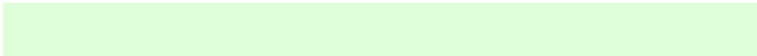


# Sweetspot

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



8BF376



DFFFD9



F3DC76



6C8069



000000



808080



# Same Dimension

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



8BF376



7BFF61



76F39E



707A6E



1FBA00



0A3B00



# Inverse Universe

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



DE76F3



E461FF



F376CB



786E7A



9B00BA

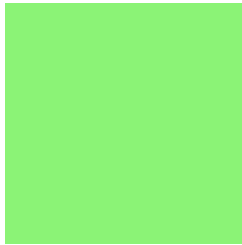


31003B



# Previews

## White Background



This preview shows how the Hex color 8BF376 looks on a white background.

## Color Contrast Check

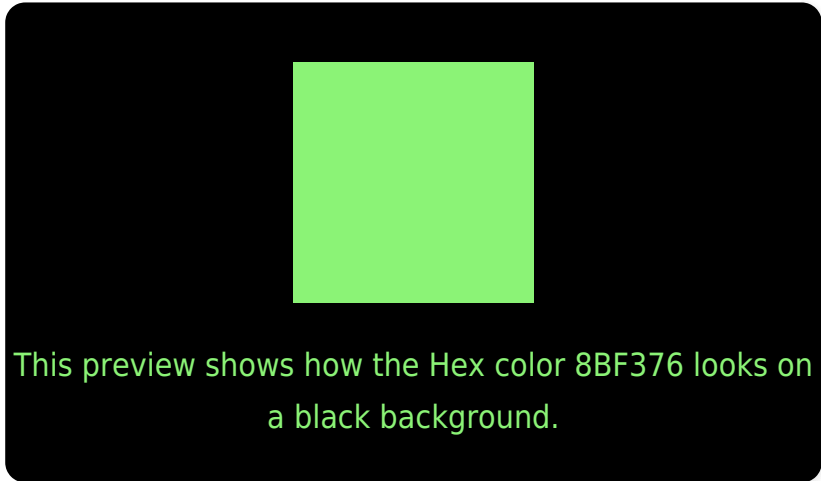
Large Text (above 18pt) WCAG AA × Fail

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 8BF376 Background



This preview shows how black text looks on a background with the Hex color 8BF376.

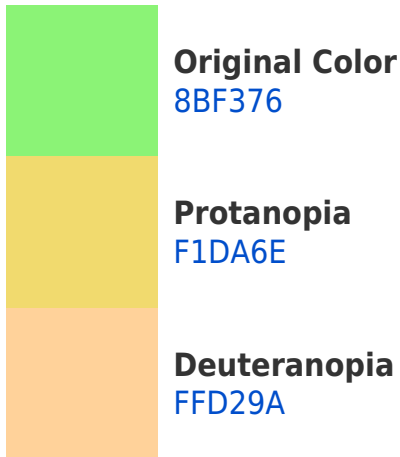


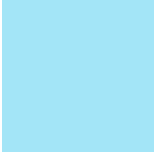
This preview shows how white text looks on a background with the Hex color 8BF376.

# 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



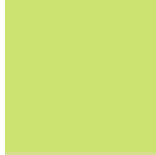


**Tritanopia**  
A3E5F7

# Trichromacy



**Original Color**  
8BF376



**Protanomaly**  
CCE371



**Deuteranomaly**  
D5DE8D



**Tritanomaly**  
9AEAC8

# Monochromacy



**Original Color**  
8BF376



**Achromatopsia**  
C6C6C6



**Achromatomaly**  
B1D6A9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8BF376 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 #8BF376 looks like.

```
.text, #text, p{  
    color:#8BF376  
}
```

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 #8BF376 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BF376
}
```

## Border

The CSS property to change the border of an element to Hex 8BF376 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
#8BF376 }
```

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

```
.border{ border-color:#8BF376 }
```

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

Here you see how a box with a 4 pixel #8BF376 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BF376; -webkit-box-shadow:4px 4px  
4px 4px #8BF376; box-shadow:4px 4px 4px  
4px #8BF376 }
```

# Background

The CSS property to change the background color of an element to Hex 8BF376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BF376 }
```

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

```
.background{ background-color:#8BF376 }
```

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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