

# Converting Colors

Hex(8BF556)

Have a look what the booklet for  
Hex(8BF556) contains.

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**Color**

**Hex(8BF556)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8BF556
RGB	139, 245, 86
RGB Percent	55%, 96%, 34%
CMY	0.4549, 0.0392, 0.6627
CMYK	0.43, 0.00, 0.65, 0.04
HSL	100°, 89%, 65%
HSV	100°, 65%, 96%
XYZ	44.9796, 71.4657, 20.2277
YIQ	195.1800, -12.1370, -71.9210

# Conversions

## Conversions Part 2

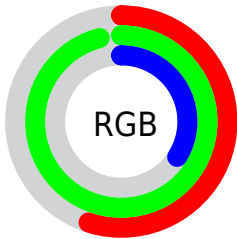
<b>Format</b>	<b>Color</b>
<b>RYB</b>	86, 245, 192
Decimal	9172310
CIELab	87.71, -57.39, 64.69
CIELCh	88, 86.480, 131.577
Yxy	71.4657, 0.3291, 0.5229
Android (android.graphics.Color)	4287362390 (0xFF8BF556)
YUV	195.1800, -53.8257, -49.2699
Hunter-Lab	84.5374, -52.9664, 44.9895

# Details

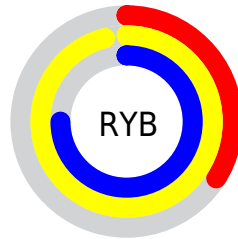
The Hex color **8BF556** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **C056F5**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **C6FF8E**, and **4EBC16** is the 20% darker color. If you saturate the color by 10%, you get **7BF53E**, and if you desaturate by 10%, it is **9BF56F**.

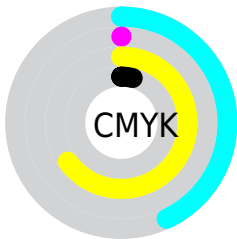
# Distribution



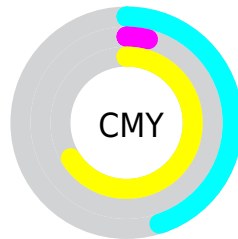
- Red (55%)
- Green (96%)
- Blue (34%)



- Red (34%)
- Yellow (96%)
- Blue (75%)



- Cyan (43%)
- Magenta (0%)
- Yellow (65%)
- Black (4%)



- Cyan (45%)
- Magenta (4%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8BF556 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 8BF556 by changing the saturation by 10% instead.



 8BF556

 8BF556

FFFFFF

 6DD839

 C6FF8E

 4EBC16

 E5FFAA

 2BA000

 FFFFC7

 008500

 FFFFEE

 006B00

 005200

 003900

 002200

 000000

 8BF556

 8BF556

 7BF53E

 9BF56F

 6AF525

 ACF587

 5AF50D

 BCF5A0

 52F500

 CCF5B8

 DDF5D1

 EDF5E9

 FDF5FF

 FFF5FF

# Harmonies

## Analogous

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



E7E215



8BF556



00FFA5

# Triad

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



8BF556



00F3FF



FF8BBF

# Complementary

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



8BF556



C056F5

# 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.



FF95FF



8BF556



64DBFF

# Square

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



8BF556



00FFFF



FFB8FF



FFA272

# Rectangle

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



8BF556



00FFDE



FFB8FF



FF8ADB

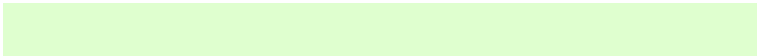


# Sweetspot

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



8BF556



DFFFCF



F5C056



6C8062



000000



808080



# Same Dimension

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



8BF556



7AFF38



56F571



727A6E



3EBA00



143B00



# Inverse Universe

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



C056F5



BD38FF



F556DA



766E7A



7C00BA

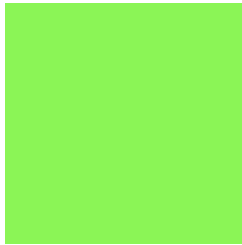


27003B



# Previews

## White Background



This preview shows how the Hex color 8BF556 looks on a white background.

## Color Contrast Check

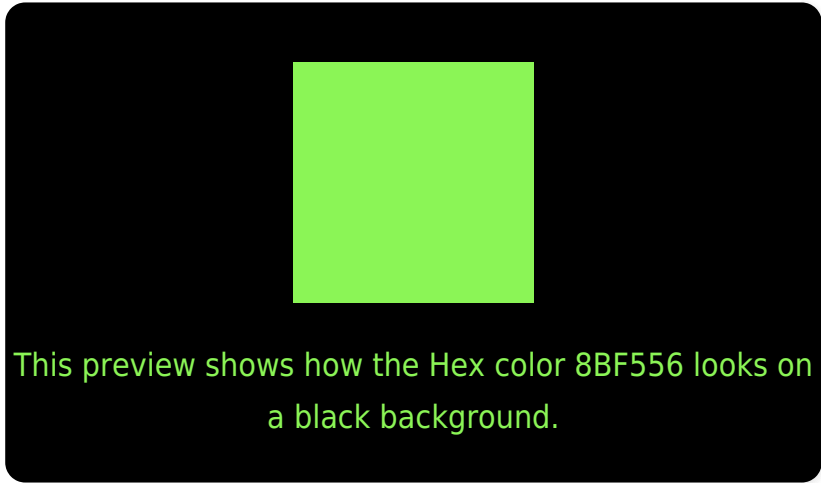
Large Text (above 18pt) WCAG AA × Fail

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

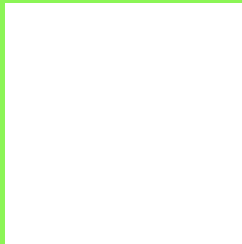
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8BF556 Background



This preview shows how black text looks on a background with the Hex color 8BF556.

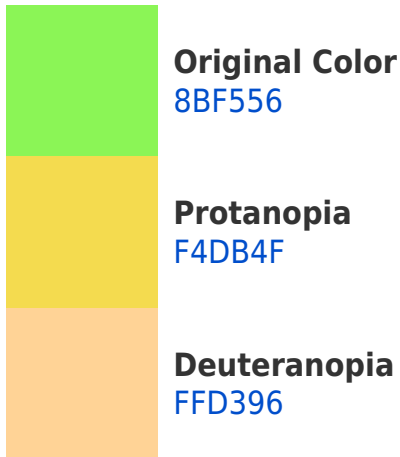


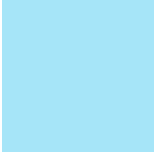
This preview shows how white text looks on a background with the Hex color 8BF556.

# 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](#).

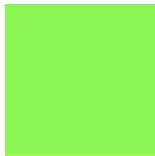
## Dichromacy





**Tritanopia**  
A6E5F8

# Trichromacy



**Original Color**  
8BF556



**Protanomaly**  
CEE452



**Deuteranomaly**  
D5DF7F

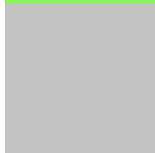


**Tritanomaly**  
9CEBBD

# Monochromacy



**Original Color**  
8BF556



**Achromatopsia**  
C3C3C3



**Achromatomaly**  
AFD59B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8BF556 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 #8BF556 looks like.

```
.text, #text, p{  
    color:#8BF556  
}
```

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 #8BF556 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BF556
}
```

## Border

The CSS property to change the border of an element to Hex 8BF556 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
#8BF556 }
```

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

```
.border{ border-color:#8BF556 }
```

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

Here you see how a box with a 4 pixel #8BF556 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BF556; -webkit-box-shadow:4px 4px  
4px 4px #8BF556; box-shadow:4px 4px 4px  
4px #8BF556 }
```

# Background

The CSS property to change the background color of an element to Hex 8BF556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BF556 }
```

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

```
.background{ background-color:#8BF556 }
```

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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