

# Converting Colors

Hex(8BDE47)

Have a look what the booklet for  
Hex(8BDE47) contains.

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**Color**

**Hex(8BDE47)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8BDE47
RGB	139, 222, 71
RGB Percent	55%, 87%, 28%
CMY	0.4549, 0.1294, 0.7216
CMYK	0.37, 0.00, 0.68, 0.13
HSL	93°, 70%, 57%
HSV	93°, 68%, 87%
XYZ	37.9061, 58.1865, 15.1945
YIQ	179.9690, -0.9970, -64.5570

# Conversions

## Conversions Part 2

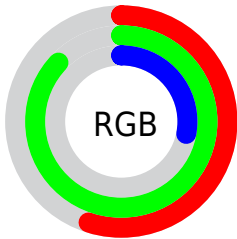
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">71, 222, 154</a>
Decimal	<a href="#">9166407</a>
CIELab	<a href="#">80.84, -49.39, 63.23</a>
CIElCh	<a href="#">81, 80.232, 127.991</a>
Yxy	<a href="#">58.1865, 0.3406, 0.5229</a>
Android (android.graphics.Color)	<a href="#">4287356487 (0xFF8BDE47)</a>
YUV	<a href="#">179.9690, -53.7217, -35.9298</a>
Hunter-Lab	<a href="#">76.2800, -44.7875, 41.5859</a>

# Details

The Hex color **8BDE47** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **9A47DE**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **C5FF7F**, and **51A600** is the 20% darker color. If you saturate the color by 10%, you get **7FDE31**, and if you desaturate by 10%, it is **97DE5D**.

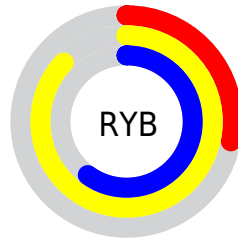
# Distribution



Red (55%)

Green (87%)

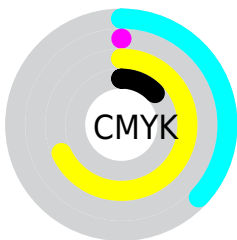
Blue (28%)



Red (28%)

Yellow (87%)

Blue (60%)

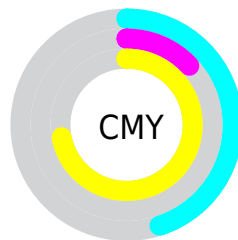


Cyan (37%)

Magenta (0%)

Yellow (68%)

Black (13%)



Cyan (45%)

Magenta (13%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8BDE47 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 8BDE47 by changing the saturation by 10% instead.



 8BDE47

 8BDE47

FFFFFF

 6EC229

 C5FF7F

 51A600

 E3FF9B

 328B00

 FFFFB7

 047100

 FFFFD4

 005800

 FFFFF1

 003F00

 002A00

 000600

 000000

 8BDE47

 8BDE47

 7FDE31

 97DE5D

 73DE1B

 A3DE73

 66DE04

 B0DE8A

 64DE00

 BCDEA0

 C8DEB6

 D4DECC

 E0DEE2

 EDDEF9

 F9DEFF

# Harmonies

## Analogous

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



DCCC12



8BDE47



00E88D

# Triad

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



8BDE47



00E0FF



FF7EB8

# Complementary

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



8BDE47



9A47DE

# 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.



FF8BFF



8BDE47



30CBFF

# Square

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



8BDE47



00EAFF



E5ACFF



FF9170

# Rectangle

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



8BDE47



00EBC1



E5ACFF



FF7FD1

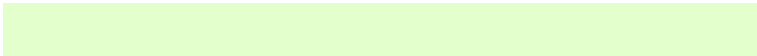


# Sweetspot

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



8BDE47



E3FFCC



DE9847



6F8061



000000



808080



# Same Dimension

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



8BDE47



8CFF2E



47DE4C



6A7065



4FB000



163000



# Inverse Universe

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



9A47DE



A12EFF



DE47D9



6B6570



6100B0



1B0030



# Previews

## White Background



This preview shows how the Hex color 8BDE47 looks on a white background.

## Color Contrast Check

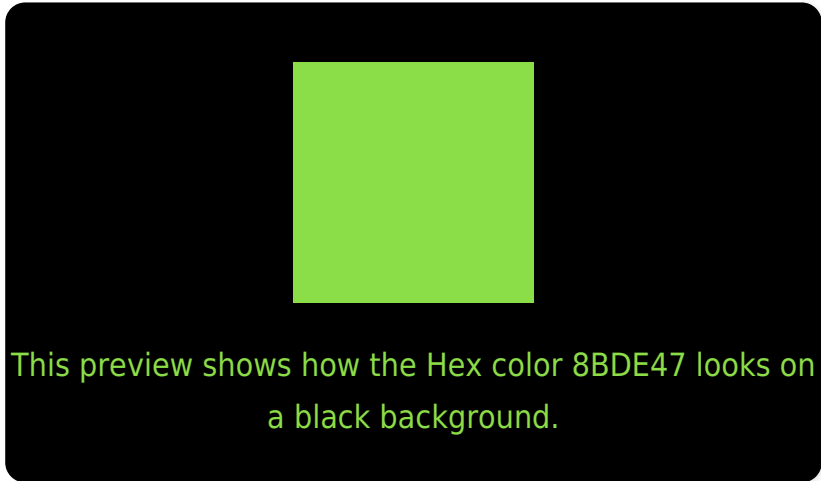
Large Text (above 18pt) WCAG AA × Fail

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 8BDE47 Background



This preview shows how black text looks on a background with the Hex color 8BDE47.

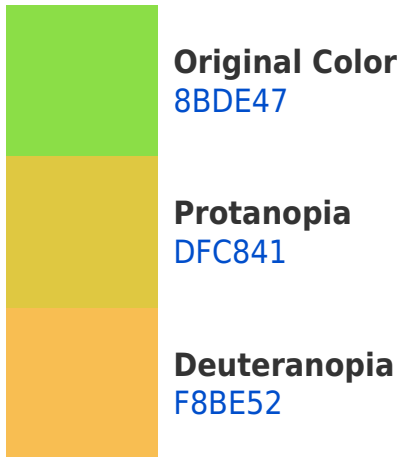


This preview shows how white text looks on a background with the Hex color 8BDE47.

# Color Blindness Simulation

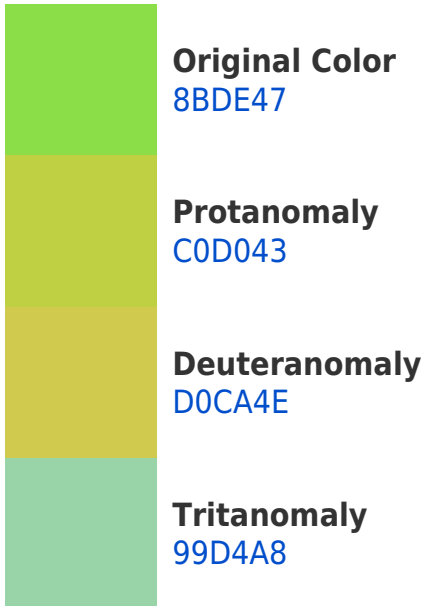
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

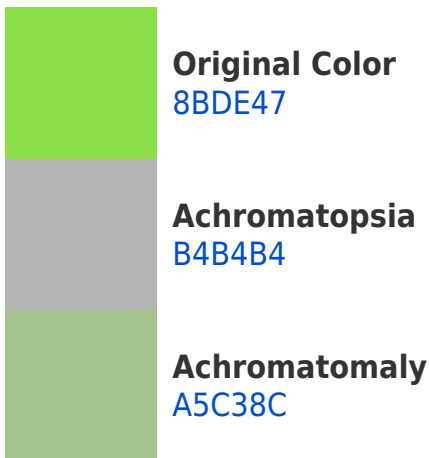




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8BDE47 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 #8BDE47 looks like.

```
.text, #text, p{  
    color:#8BDE47  
}
```

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 #8BDE47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BDE47
}
```

## Border

The CSS property to change the border of an element to Hex 8BDE47 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
#8BDE47 }
```

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

```
.border{ border-color:#8BDE47 }
```

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

Here you see how a box with a 4 pixel #8BDE47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BDE47; -webkit-box-shadow:4px 4px  
4px 4px #8BDE47; box-shadow:4px 4px 4px  
4px #8BDE47 }
```

# Background

The CSS property to change the background color of an element to Hex 8BDE47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BDE47 }
```

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

```
.background{ background-color:#8BDE47 }
```

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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