

# Converting Colors

Hex(8BE37B)

Have a look what the booklet for  
Hex(8BE37B) contains.

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**Color**

**Hex(8BE37B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8BE37B
RGB	139, 227, 123
RGB Percent	55%, 89%, 48%
CMY	0.4549, 0.1098, 0.5176
CMYK	0.39, 0.00, 0.46, 0.11
HSL	111°, 65%, 69%
HSV	111°, 46%, 89%
XYZ	41.6917, 61.8572, 28.4811
YIQ	188.8320, -19.0640, -51.0000

# Conversions

## Conversions Part 2

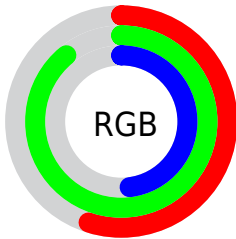
Format	Color
<b>RYB</b>	123, 227, 211
Decimal	9167739
CIELab	82.84, -46.12, 42.50
CIELCh	83, 62.717, 137.338
Yxy	61.8572, 0.3158, 0.4685
Android (android.graphics.Color)	4287357819 (0xFF8BE37B)
YUV	188.8320, -32.4552, -43.7027
Hunter-Lab	78.6493, -43.0142, 33.5840

# Details

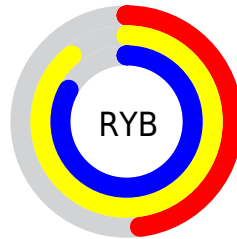
The Hex color **8BE37B** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **D37BE3**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **C4FFB1**, and **53AB48** is the 20% darker color. If you saturate the color by 10%, you get **78E364**, and if you desaturate by 10%, it is **9EE392**.

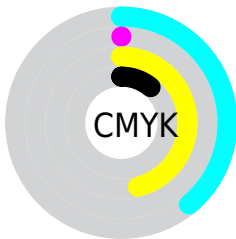
# Distribution



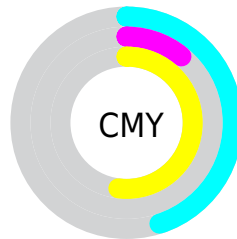
- Red (55%)
- Green (89%)
- Blue (48%)



- Red (48%)
- Yellow (89%)
- Blue (83%)



- Cyan (39%)
- Magenta (0%)
- Yellow (46%)
- Black (11%)



- Cyan (45%)
- Magenta (11%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8BE37B 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 8BE37B by changing the saturation by 10% instead.



 8BE37B

FFFFFF

 C4FFB1

 E1FFCD


 FFFFEA

 8BE37B

 6FC761

 53AB48

 36902E

 117613

 005C00

 004400

 002D00

 001200

 000000

 8BE37B

 8BE37B

 78E364

 9EE392

 65E34E

 B1E3A8

 51E337

 C5E3BF

 3EE320

 D8E3D6

 2BE30A

 EBE3EC

 23E300

 FEE3FF

 FFE3FF

# Harmonies

## Analogous

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



CFD658



8BE37B



00EAB2

# Triad

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



8BE37B



00DCFF



FF9DAE

# Complementary

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



8BE37B



D37BE3

# 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.



FF9EEA



8BE37B



A7C9FF

# Square

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



8BE37B



00E7FF



FEB1FF



FFAC7A

# Rectangle

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



8BE37B



00ECDB



FEB1FF



FF9BC2

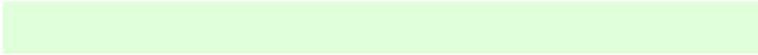


# Sweetspot

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



8BE37B



E1FFDB



E3D27B



6D806A



000000



808080



# Same Dimension

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



8BE37B



88FF73



7BE39E



697367



1BB300



083300



# Inverse Universe

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



D37BE3



E973FF



E37BC0



716773



9700B3

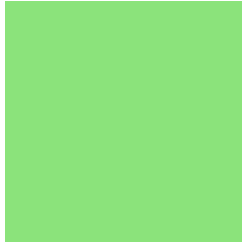


2B0033



# Previews

## White Background



This preview shows how the Hex color 8BE37B 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



This preview shows how the Hex color 8BE37B looks on a 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 8BE37B Background



This preview shows how black text looks on a background with the Hex color 8BE37B.

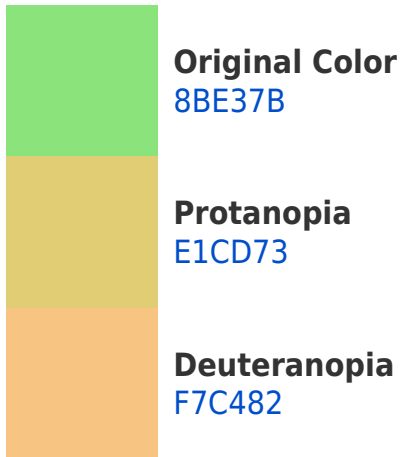


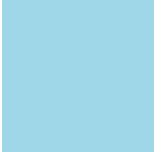
This preview shows how white text looks on a background with the Hex color 8BE37B.

# 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](#).

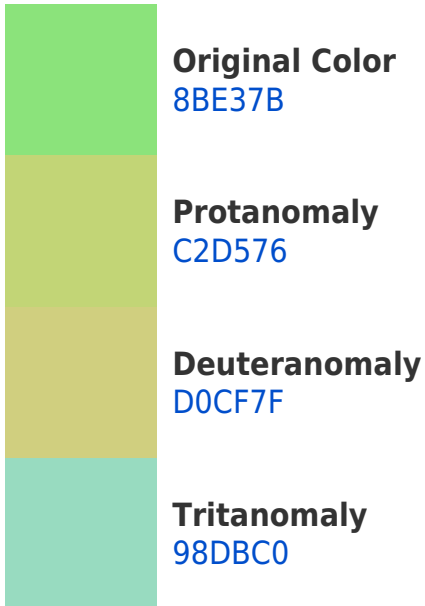
## Dichromacy



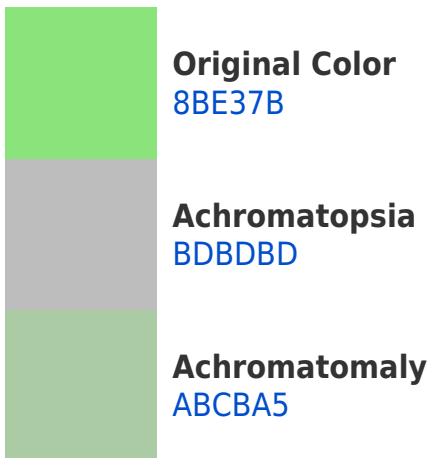


**Tritanopia**  
9FD7E8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8BE37B 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 #8BE37B looks like.

```
.text, #text, p{  
    color:#8BE37B  
}
```

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 #8BE37B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BE37B
}
```

## Border

The CSS property to change the border of an element to Hex 8BE37B 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
#8BE37B }
```

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

```
.border{ border-color:#8BE37B }
```

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

Here you see how a box with a 4 pixel #8BE37B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BE37B; -webkit-box-shadow:4px 4px  
4px 4px #8BE37B; box-shadow:4px 4px 4px  
4px #8BE37B }
```

# Background

The CSS property to change the background color of an element to Hex 8BE37B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BE37B }
```

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

```
.background{ background-color:#8BE37B }
```

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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