

# Converting Colors

Hex(8BE079)

Have a look what the booklet for  
Hex(8BE079) contains.

|  |    |
|--|----|
| <b>Hex(8BE079)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

**Color**

**Hex(8BE079)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 8BE079                       |
| RGB         | 139, 224, 121                |
| RGB Percent | 55%, 88%, 47%                |
| CMY         | 0.4549, 0.1216, 0.5255       |
| CMYK        | 0.38, 0.00, 0.46, 0.12       |
| HSL         | 110°, 62%, 68%               |
| HSV         | 110°, 46%, 88%               |
| XYZ         | 40.7543, 60.1808, 27.5572    |
| YIQ         | 186.8430, -17.5970, -50.0530 |

# Conversions

## Conversions Part 2

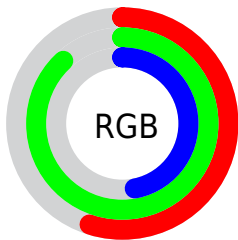
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">121, 224, 206</a>                |
| Decimal                             | <a href="#">9166969</a>                      |
| CIELab                              | <a href="#">81.94, -45.10, 42.35</a>         |
| CIElCh                              | <a href="#">82, 61.868, 136.806</a>          |
| Yxy                                 | <a href="#">60.1808, 0.3172, 0.4684</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4287357049<br/>(0xFF8BE079)</a>  |
| YUV                                 | <a href="#">186.8430, -32.4606, -41.9583</a> |
| Hunter-Lab                          | <a href="#">77.5763, -41.9843, 33.2419</a>   |

# Details

The Hex color **8BE079** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **CE79E0**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **C4FFAF**, and **53A846** is the 20% darker color. If you saturate the color by 10%, you get **79E063**, and if you desaturate by 10%, it is **9DE08F**.

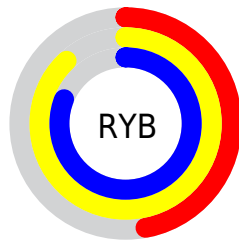
# Distribution



Red (55%)

Green (88%)

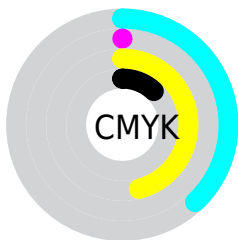
Blue (47%)



Red (47%)

Yellow (88%)

Blue (81%)

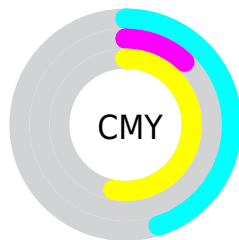


Cyan (38%)

Magenta (0%)

Yellow (46%)

Black (12%)



Cyan (45%)

Magenta (12%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8BE079 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 8BE079 by changing the saturation by 10% instead.



 8BE079

FFFFFF

 C4FFAF

 E1FFCB

 FFFFE7

 8BE079

 6FC45F

 53A846

 368D2C

 137311

 005A00

 004100

 002C00

 000D00

 000000

 8BE079

 8BE079

 79E063

 9DE08F

 66E04C

 B0E0A6

 54E036

 C2E0BC

 41E01F

 D5E0D3

 2FE009

 E7E0E9

 27E000

 FAE0FF

 FFE0FF

# Harmonies

## Analogous

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



CDD357



8BE079



00E7AF

# Triad

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



8BE079



00D9FF



FF9BAD

# Complementary

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



8BE079



CE79E0

# 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.



FF9DE8



8BE079



A4C7FF

# Square

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



8BE079



00E5FF



F9AFFF



FFAA79

# Rectangle

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



8BE079



00E9D8



F9AFFF



FF99C1

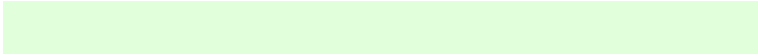


# Sweetspot

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



8BE079



E2FFDB



E0CD79



6E806A



000000



808080



# Same Dimension

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



8BE079



8BFF73



79E09A



677065



1FB000



083000



# Inverse Universe

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



CE79E0



E673FF



E079BF



6E6570



9100B0



280030



# Previews

## White Background



This preview shows how the Hex color 8BE079 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 8BE079 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

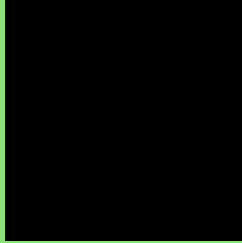
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8BE079 Background



This preview shows how black text looks on a background with the Hex color 8BE079.

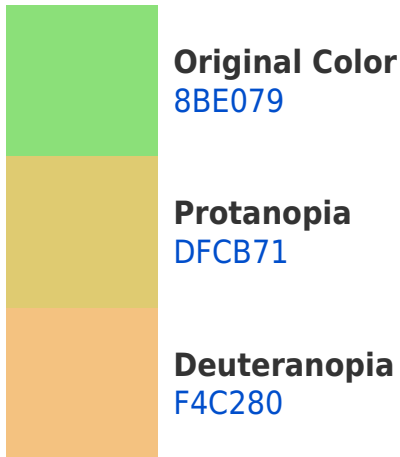


This preview shows how white text looks on a background with the Hex color 8BE079.

# 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](#).

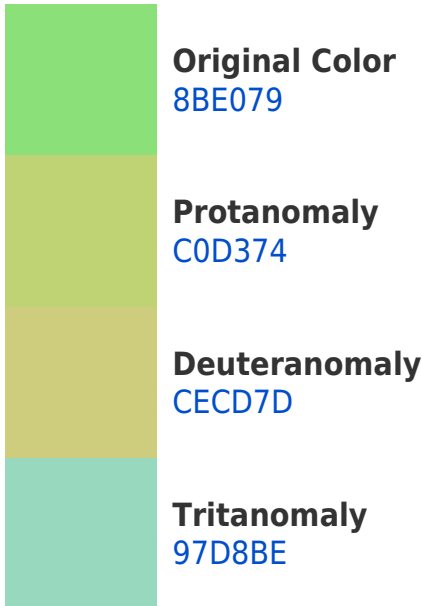
## Dichromacy



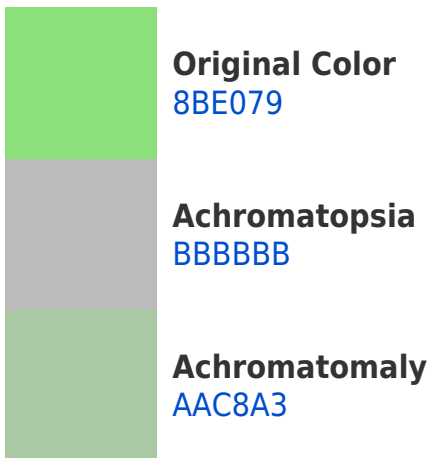


**Tritanopia**  
9ED4E5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8BE079 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 #8BE079 looks like.

```
.text, #text, p{  
    color:#8BE079  
}
```

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 #8BE079 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BE079
}
```

## Border

The CSS property to change the border of an element to Hex 8BE079 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
#8BE079 }
```

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

```
.border{ border-color:#8BE079 }
```

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

Here you see how a box with a 4 pixel #8BE079 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BE079; -webkit-box-shadow:4px 4px  
4px 4px #8BE079; box-shadow:4px 4px 4px  
4px #8BE079 }
```

# Background

The CSS property to change the background color of an element to Hex 8BE079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BE079 }
```

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

```
.background{ background-color:#8BE079 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor