

Converting Colors

Hex(8BEC65)

Have a look what the booklet for
Hex(8BEC65) contains.

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Color

Hex(8BEC65)

Conversions

Conversions Part 1

Format	Color
Hex	8BEC65
RGB	139, 236, 101
RGB Percent	55%, 93%, 40%
CMY	0.4549, 0.0745, 0.6039
CMYK	0.41, 0.00, 0.57, 0.07
HSL	103°, 78%, 66%
HSV	103°, 57%, 93%
XYZ	42.9919, 66.4195, 22.8662
YIQ	191.6070, -14.4770, -62.5490

Conversions

Conversions Part 2

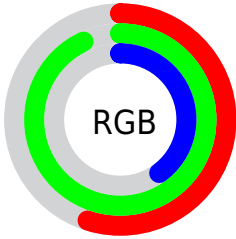
Format	Color
RYB	101, 236, 198
Decimal	9170021
CIELab	85.21, -52.44, 55.62
CIELCh	85, 76.441, 133.313
Yxy	66.4195, 0.3250, 0.5021
Android (android.graphics.Color)	4287360101 (0xFF8BEC65)
YUV	191.6070, -44.6693, -46.1363
Hunter-Lab	81.4981, -48.4595, 40.4135

Details

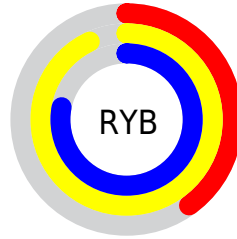
The Hex color **8BEC65** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **C665EC**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **C5FF9C**, and **51B32E** is the 20% darker color. If you saturate the color by 10%, you get **7AEC4D**, and if you desaturate by 10%, it is **9CEC7D**.

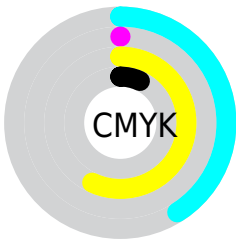
Distribution



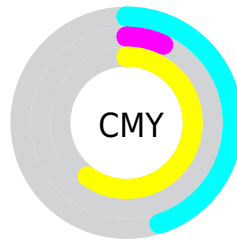
- Red (55%)
- Green (93%)
- Blue (40%)



- Red (40%)
- Yellow (93%)
- Blue (78%)



- Cyan (41%)
- Magenta (0%)
- Yellow (57%)
- Black (7%)



- Cyan (45%)
- Magenta (7%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8BEC65 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 8BEC65 by changing the saturation by 10% instead.

 8BEC65

FFFFFF

 C5FF9C

 E3FFB7

 FFFFD4

 FFFFF1

 8BEC65

 6ECF4A

 51B32E

 30980B

 007D00

 006400

 004B00

 003300

 001B00

 000000

 8BEC65

 8BEC65

 7AEC4D

 9CEC7D

 69EC36

 ADEC94

 58EC1E

 BEECAC

 47EC07

 CFEC3

 42EC00

 E0ECDB

 F1ECF3

 FFECFF

Harmonies

Analogous

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



DCDB38



8BEC65



00F5A9

Triad

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



8BEC65



00E8FF



FF92B8

Complementary

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



8BEC65



C665EC

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.



FF98FF



8BEC65



85D2FF

Square

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



8BEC65



00F4FF



FFB4FF



FFA675

Rectangle

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



8BEC65



00F8DB



FFB4FF



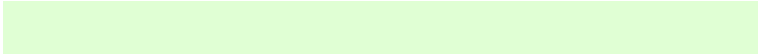
FF91D0

Sweetspot

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



8BEC65



E0FFD4



ECC665



6D8066



000000



808080

Same Dimension

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



8BEC65



81FF4F



65EC82



6D756A



33B500



0F3600

Inverse Universe

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



C665EC



CD4FFF



EC65CF



726A75



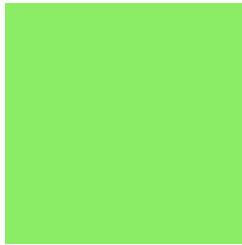
8200B5



260036

Previews

White Background



This preview shows how the Hex color 8BEC65 looks on a white background.

Color Contrast Check

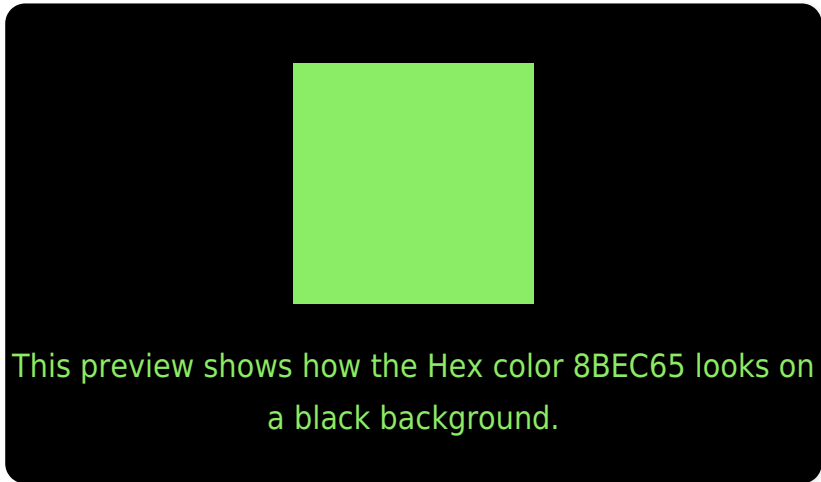
Large Text (above 18pt) WCAG AA × Fail

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

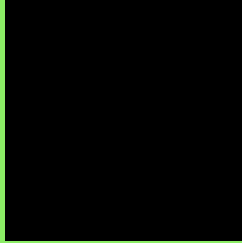
Any Text WCAG AA ✓ Pass

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 8BEC65 Background



This preview shows how black text looks on a background with the Hex color 8BEC65.

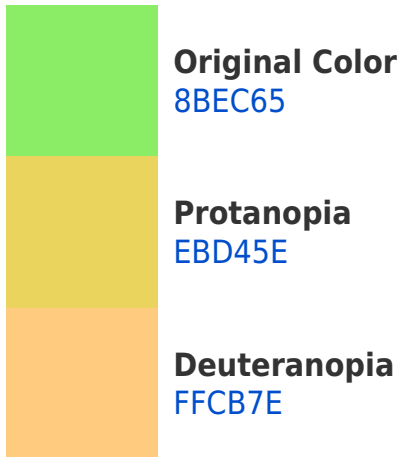


This preview shows how white text looks on a background with the Hex color 8BEC65.

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](#).

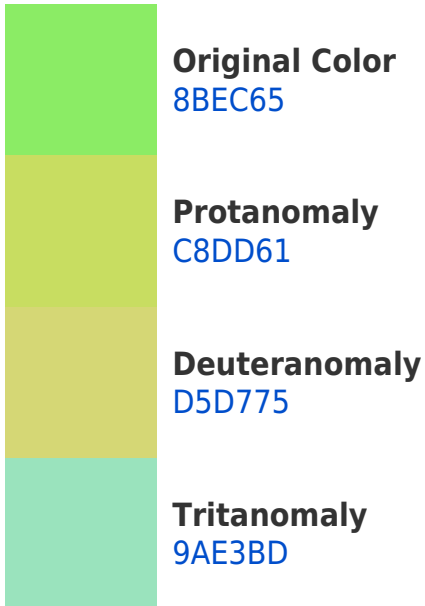
Dichromacy



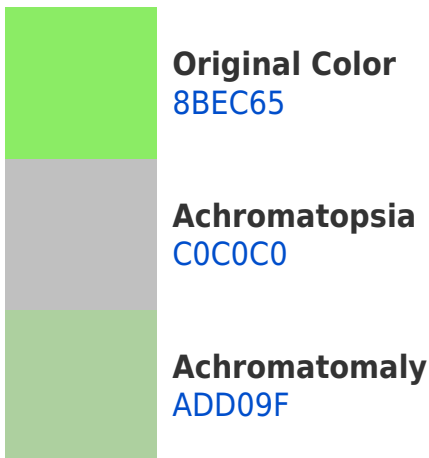


Tritanopia
A3DEEF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8BEC65 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 #8BEC65 looks like.

```
.text, #text, p{  
    color:#8BEC65  
}
```

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 #8BEC65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BEC65
}
```

Border

The CSS property to change the border of an element to Hex 8BEC65 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
#8BEC65 }
```

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

```
.border{ border-color:#8BEC65 }
```

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

Here you see how a box with a 4 pixel #8BEC65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BEC65; -webkit-box-shadow:4px 4px  
4px 4px #8BEC65; box-shadow:4px 4px 4px  
4px #8BEC65 }
```

Background

The CSS property to change the background color of an element to Hex 8BEC65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BEC65 }
```

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

```
.background{ background-color:#8BEC65 }
```

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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