

Converting Colors

Hex(8BE869)

Have a look what the booklet for
Hex(8BE869) contains.

Hex(8BE869)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8BE869)

Conversions

Conversions Part 1

Format	Color
Hex	8BE869
RGB	139, 232, 105
RGB Percent	55%, 91%, 41%
CMY	0.4549, 0.0902, 0.5882
CMYK	0.40, 0.00, 0.55, 0.09
HSL	104°, 73%, 66%
HSV	104°, 55%, 91%
XYZ	42.0539, 64.2221, 23.5442
YIQ	189.7150, -14.6610, -59.2130

Conversions

Conversions Part 2

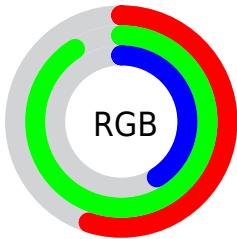
Format	Color
RYB	105, 232, 198
Decimal	9169001
CIELab	84.08, -50.38, 52.51
CIElCh	84, 72.773, 133.816
Yxy	64.2221, 0.3239, 0.4947
Android (android.graphics.Color)	4287359081 (0xFF8BE869)
YUV	189.7150, -41.7645, -44.4771
Hunter-Lab	80.1387, -46.5724, 38.6781

Details

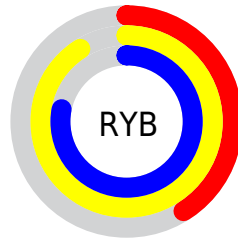
The Hex color **8BE869** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **C669E8**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **C5FF9F**, and **51B034** is the 20% darker color. If you saturate the color by 10%, you get **7AE852**, and if you desaturate by 10%, it is **9CE880**.

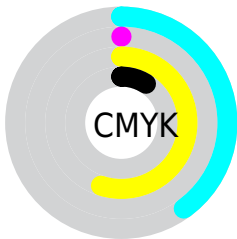
Distribution



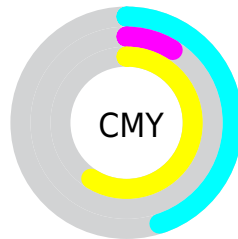
- Red (55%)
- Green (91%)
- Blue (41%)



- Red (41%)
- Yellow (91%)
- Blue (78%)



- Cyan (40%)
- Magenta (0%)
- Yellow (55%)
- Black (9%)



- Cyan (45%)
- Magenta (9%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8BE869 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 8BE869 by changing the saturation by 10% instead.

 8BE869

 8BE869

FFFFFF

 6ECB4E

 C5FF9F

 51B034

 E2FFBB

 329415

 FFFFD8

 037A00

 FFFFF5

 006000

 004700

 003100

 001700

 000000

 8BE869

 8BE869

 7AE852

 9CE880

 69E83B

 ADE897

 58E823

 BEE8AF

 47E80C

 CFE8C6

 3EE800

 E0E8DD

 F1E8F4

 FFE8FF

Harmonies

Analogous

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



D8D840



8BE869



00F1A9

Triad

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



8BE869



00E4FF



FF93B5

Complementary

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



8BE869



C669E8

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.



FF99FA



8BE869



8CCEFF

Square

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



8BE869



00EFFF



FEB2FF



FFA675

Rectangle

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



8BE869



00F3D9



FEB2FF



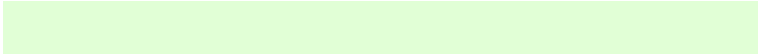
FF92CC

Sweetspot

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



8BE869



E1FFD6



E8C469



6E8067



000000



808080

Same Dimension

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



8BE869



84FF57



69E885



6A7367



30B300



0E3300

Inverse Universe

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



C669E8



D257FF



E869CC



706773



8300B3



250033

Previews

White Background



This preview shows how the Hex color 8BE869 looks on a white background.

Color Contrast Check

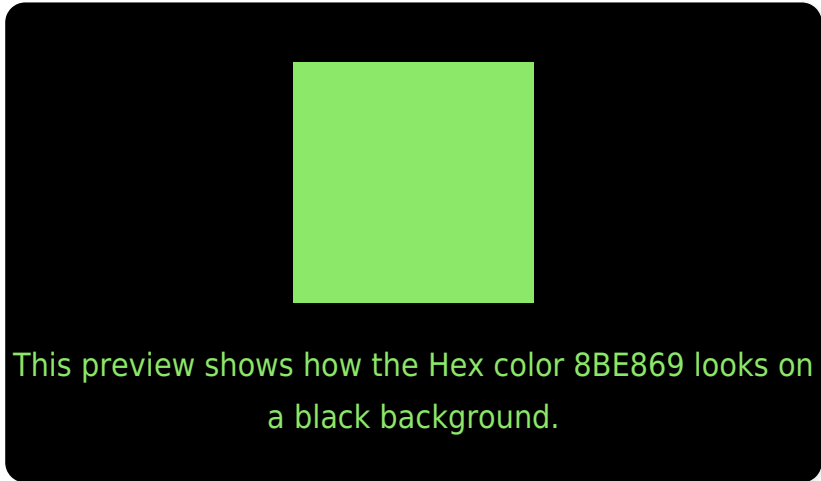
Large Text (above 18pt) WCAG AA × Fail

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

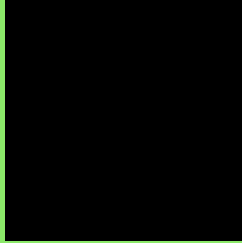
Any Text WCAG AA ✓ Pass

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 8BE869 Background



This preview shows how black text looks on a background with the Hex color 8BE869.

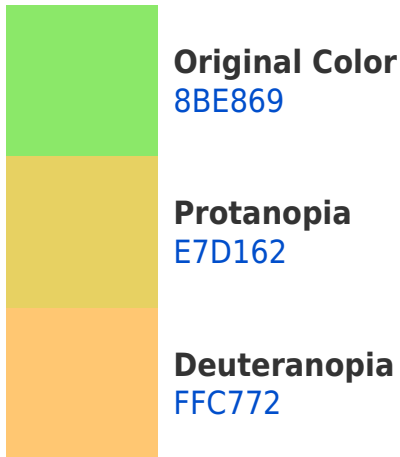


This preview shows how white text looks on a background with the Hex color 8BE869.

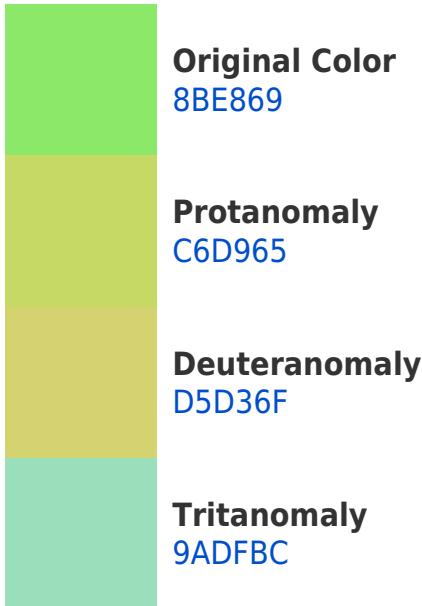
Color Blindness Simulation

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](#).

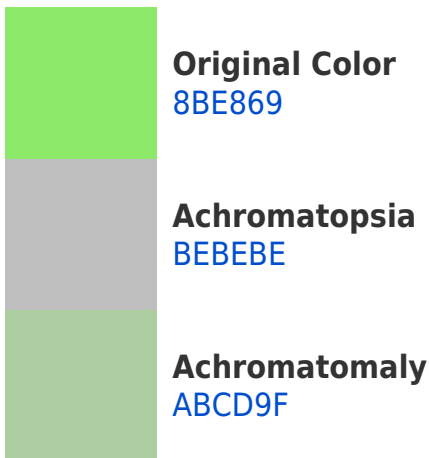
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8BE869 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 #8BE869 looks like.

```
.text, #text, p{  
    color:#8BE869  
}
```

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 #8BE869 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BE869
}
```

Border

The CSS property to change the border of an element to Hex 8BE869 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
#8BE869 }
```

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

```
.border{ border-color:#8BE869 }
```

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

Here you see how a box with a 4 pixel #8BE869 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BE869; -webkit-box-shadow:4px 4px  
4px 4px #8BE869; box-shadow:4px 4px 4px  
4px #8BE869 }
```

Background

The CSS property to change the background color of an element to Hex 8BE869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BE869 }
```

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

```
.background{ background-color:#8BE869 }
```

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