

Converting Colors

Hex(8AEB44)

Have a look what the booklet for
Hex(8AEB44) contains.

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Color

Hex(8AEB44)

Conversions

Conversions Part 1

Format	Color
Hex	8AEB44
RGB	138, 235, 68
RGB Percent	54%, 92%, 27%
CMY	0.4588, 0.0784, 0.7333
CMYK	0.41, 0.00, 0.71, 0.08
HSL	95°, 81%, 59%
HSV	95°, 71%, 92%
XYZ	41.2330, 65.2373, 15.8877
YIQ	186.9590, -4.2050, -72.5010

Conversions

Conversions Part 2

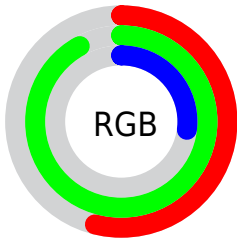
Format	Color
RYB	68, 235, 165
Decimal	9104196
CIELab	84.61, -55.14, 68.17
CIELCh	85, 87.676, 128.970
Yxy	65.2373, 0.3370, 0.5332
Android (android.graphics.Color)	4287294276 (0xFF8AEB44)
YUV	186.9590, -58.6468, -42.9370
Hunter-Lab	80.7696, -50.2224, 44.8761

Details

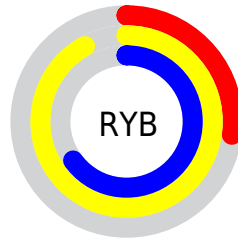
The Hex color **8AEB44** is a dark color, and the websafe version is hex **99FF66**. The color can be described as middle muted chartreuse. A complement of this color would be **A544EB**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **C5FF7D**, and **4EB200** is the 20% darker color. If you saturate the color by 10%, you get **7CEB2D**, and if you desaturate by 10%, it is **98EB5C**.

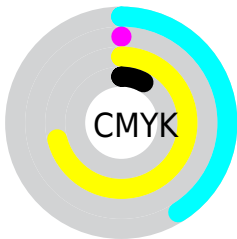
Distribution



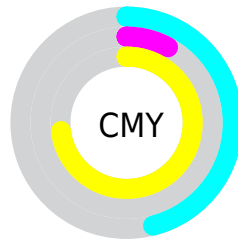
- Red (54%)
- Green (92%)
- Blue (27%)



- Red (27%)
- Yellow (92%)
- Blue (65%)



- Cyan (41%)
- Magenta (0%)
- Yellow (71%)
- Black (8%)



- Cyan (46%)
- Magenta (8%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8AEB44 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 8AEB44 by changing the saturation by 10% instead.

 8AEB44

 8AEB44

FFFFFF

 6CCE23

 C5FF7D

 4EB200

 E3FF9A

 2B9700

 FFFFB6

 007C00

 FFFFD3

 006300

 FFFFF1

 004A00

 003300

 001900

 000000

 8AEB44

 8AEB44

 7CEB2D

 98EB5C

 6FEB15

 A5EB73

 63EB00

 B3EB8B

 C1EBA2

 CEEBBA

 DCEBD1

 EAEBE9

 F7EBFF

 FFEBCF

Harmonies

Analogous

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



E4D700



8AEB44



00F694

Triad

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



8AEB44



00ECFF



FF7EBE

Complementary

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



8AEB44



A544EB

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.



FF8CFF



8AEB44



18D5FF

Square

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



8AEB44



00F7FF



F6B2FF



FF956F

Rectangle

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



8AEB44



00F9CE



F6B2FF



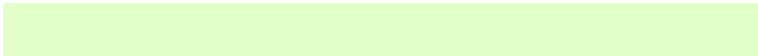
FF7EDA

Sweetspot

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



8AEB44



E0FFC9



EBA344



6D8060



000000



808080

Same Dimension

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



8AEB44



81FF26



44EB4F



6E756A



4CB500



163600

Inverse Universe

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



A544EB



A426FF



EB44E0



706A75



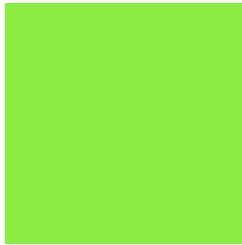
6900B5



1F0036

Previews

White Background



This preview shows how the Hex color 8AEB44 looks on a white background.

Color Contrast Check

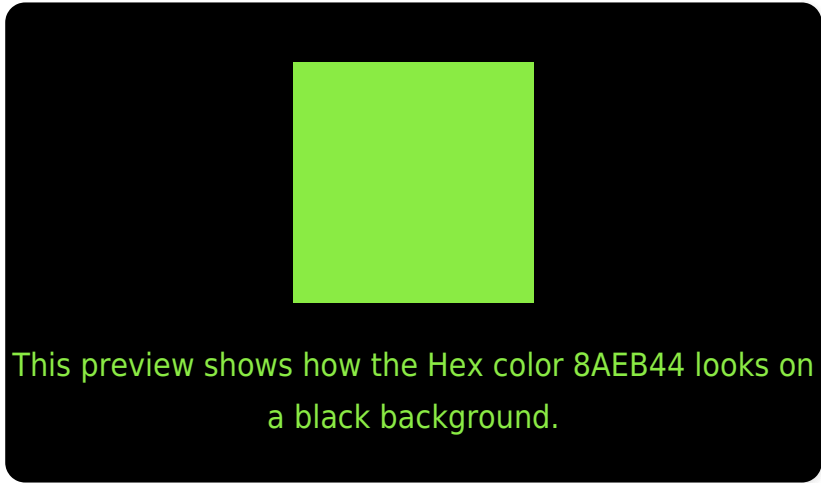
Large Text (above 18pt) WCAG AA × Fail

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

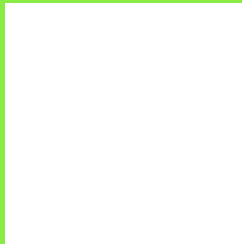
Any Text WCAG AAA ✓ Pass

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

Hex 8AEB44 Background



This preview shows how black text looks on a background with the Hex color 8AEB44.

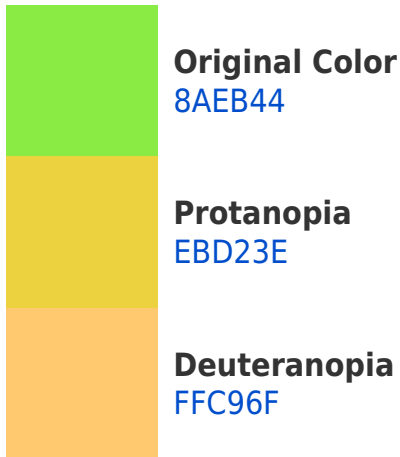


This preview shows how white text looks on a background with the Hex color 8AEB44.

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
A4DBED

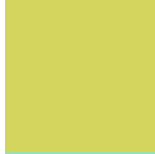
Trichromacy



Original Color
8AEB44



Protanomaly
C8DB40



Deuteranomaly
D4D55F

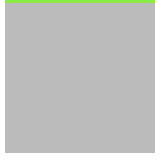


Tritanomaly
9BE1B0

Monochromacy



Original Color
8AEB44



Achromatopsia
BBBBBB



Achromatomaly
A9CC90

CSS Examples

Text

The CSS property to change the color of the text to Hex 8AEB44 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 #8AEB44 looks like.

```
.text, #text, p{  
    color:#8AEB44  
}
```

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 #8AEB44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AEB44  
}
```

Border

The CSS property to change the border of an element to Hex 8AEB44 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  
#8AEB44 }
```

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

```
.border{ border-color:#8AEB44 }
```

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

Here you see how a box with a 4 pixel #8AEB44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AEB44; -webkit-box-shadow:4px 4px  
4px 4px #8AEB44; box-shadow:4px 4px 4px  
4px #8AEB44 }
```

Background

The CSS property to change the background color of an element to Hex 8AEB44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AEB44 }
```

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

```
.background{ background-color:#8AEB44 }
```

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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