

Converting Colors

Hex(8AEC3E)

Have a look what the booklet for
Hex(8AEC3E) contains.

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Color

Hex(8AEC3E)

Conversions

Conversions Part 1

Format	Color
Hex	8AEC3E
RGB	138, 236, 62
RGB Percent	54%, 93%, 24%
CMY	0.4588, 0.0745, 0.7569
CMYK	0.42, 0.00, 0.74, 0.07
HSL	94°, 82%, 58%
HSV	94°, 74%, 93%
XYZ	41.3462, 65.7420, 15.0677
YIQ	186.8620, -2.5540, -74.8900

Conversions

Conversions Part 2

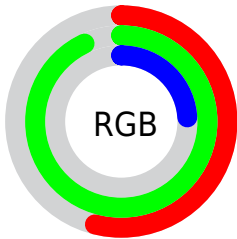
Format	Color
RYB	62, 236, 160
Decimal	9104446
CIELab	84.86, -55.91, 70.46
CIELCh	85, 89.944, 128.434
Yxy	65.7420, 0.3385, 0.5382
Android (android.graphics.Color)	4287294526 (0xFF8AEC3E)
YUV	186.8620, -61.5570, -42.8520
Hunter-Lab	81.0814, -50.8693, 45.7389

Details

The Hex color **8AEC3E** is a dark color, and the websafe version is hex **99FF66**. The color can be described as middle washed chartreuse. A complement of this color would be **A03EEC**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **C6FF78**, and **4DB300** is the 20% darker color. If you saturate the color by 10%, you get **7DEC26**, and if you desaturate by 10%, it is **97EC56**.

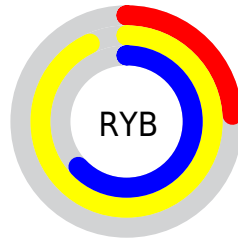
Distribution



Red (54%)

Green (93%)

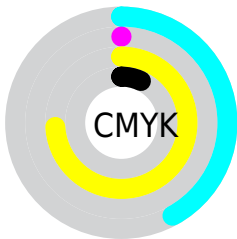
Blue (24%)



Red (24%)

Yellow (93%)

Blue (63%)

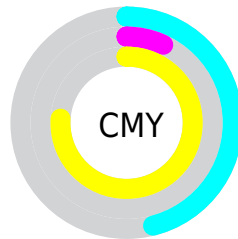


Cyan (42%)

Magenta (0%)

Yellow (74%)

Black (7%)



Cyan (46%)

Magenta (7%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8AEC3E 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 8AEC3E by changing the saturation by 10% instead.

 8AEC3E

FFFFFF

 C6FF78

 E4FF95

 FFFFB2

 FFFFCE

 FFFFEC

 8AEC3E

 6CCF1A

 4DB300

 2A9800

 007D00

 006300

 004A00

 003300

 001A00

 000000

 8AEC3E

 8AEC3E

 7DEC26

 97EC56

 6FEC0F

 A5EC6D

 67EC00

 B2EC85

 BFEC9C

 CCECB4

 DAECCC

 E7ECE3

 F4ECFB

 FFECFF

Harmonies

Analogous

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



E6D800



8AEC3E



00F792

Triad

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



8AEC3E



00EEFF



FF7BBF

Complementary

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



8AEC3E



A03EEC

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.



FF8BFF



8AEC3E



00D6FF

Square

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



8AEC3E



00F9FF



F5B2FF



FF936E

Rectangle

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



8AEC3E



00FACD



F5B2FF



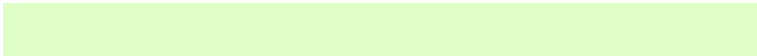
FF7CDC

Sweetspot

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



8AEC3E



DFFFC7



EC9E3E



6D805E



000000



808080

Same Dimension

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



8AEC3E



81FF1F



3EEC47



6F756A



4FB500



173600

Inverse Universe

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



A03EEC



9D1FFF



EC3EE3



706A75



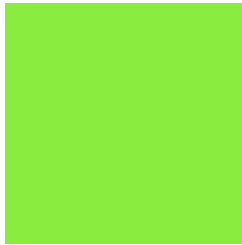
6600B5



1E0036

Previews

White Background



This preview shows how the Hex color 8AEC3E looks on a white background.

Color Contrast Check

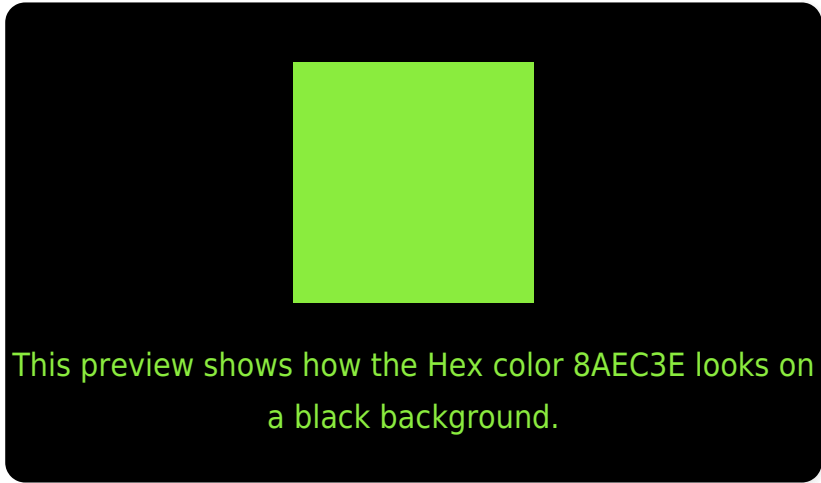
Large Text (above 18pt) WCAG AA × Fail

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 8AEC3E Background



This preview shows how black text looks on a background with the Hex color 8AEC3E.

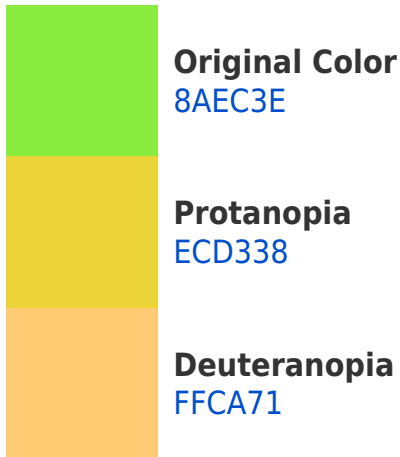


This preview shows how white text looks on a background with the Hex color 8AEC3E.

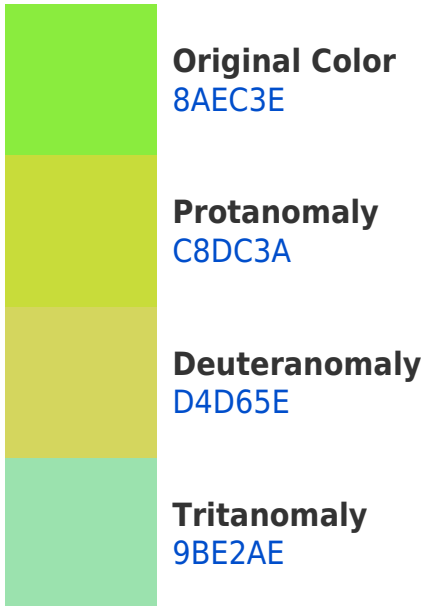
Color Blindness Simulation

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](#).

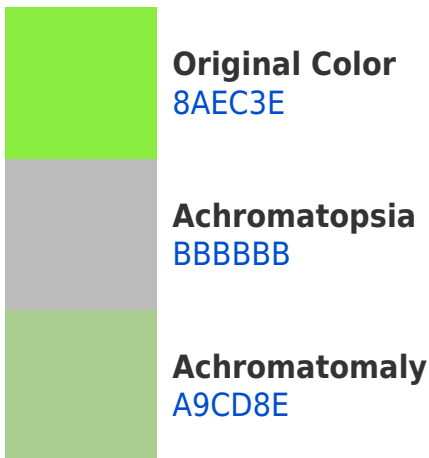
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8AEC3E 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 #8AEC3E looks like.

```
.text, #text, p{  
    color:#8AEC3E  
}
```

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 #8AEC3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AEC3E
}
```

Border

The CSS property to change the border of an element to Hex 8AEC3E 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
#8AEC3E }
```

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

```
.border{ border-color:#8AEC3E }
```

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

Here you see how a box with a 4 pixel #8AEC3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AEC3E; -webkit-box-shadow:4px 4px  
4px 4px #8AEC3E; box-shadow:4px 4px 4px  
4px #8AEC3E }
```

Background

The CSS property to change the background color of an element to Hex 8AEC3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AEC3E }
```

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

```
.background{ background-color:#8AEC3E }
```

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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