

Converting Colors

Hex(8AE30D)

Have a look what the booklet for
Hex(8AE30D) contains.

Hex(8AE30D)	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(8AE30D)

Conversions

Conversions Part 1

Format	Color
Hex	8AE30D
RGB	138, 227, 13
RGB Percent	54%, 89%, 5%
CMY	0.4588, 0.1098, 0.9490
CMYK	0.39, 0.00, 0.94, 0.11
HSL	85°, 89%, 47%
HSV	85°, 94%, 89%
XYZ	38.0230, 60.3705, 10.0294
YIQ	175.9930, 15.6500, -85.4220

Conversions

Conversions Part 2

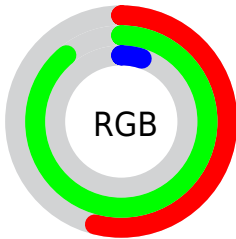
Format	Color
RYB	13, 227, 102
Decimal	9102093
CIELab	82.04, -54.17, 78.71
CIElCh	82, 95.546, 124.535
Yxy	60.3705, 0.3507, 0.5568
Android (android.graphics.Color)	4287292173 (0xFF8AE30D)
YUV	175.9930, -80.3555, -33.3199
Hunter-Lab	77.6985, -48.6205, 46.7357

Details

The Hex color **8AE30D** is a dark color, and the websafe version is hex **99FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **660DE3**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **C6FF5B**, and **4DAB00** is the 20% darker color. If you saturate the color by 10%, you get **85E300**, and if you desaturate by 10%, it is **93E324**.

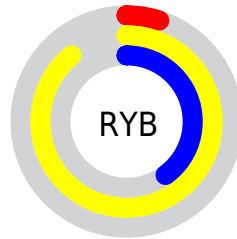
Distribution



Red (54%)

Green (89%)

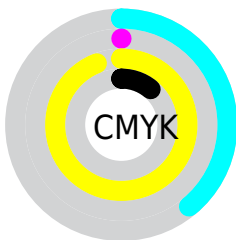
Blue (5%)



Red (5%)

Yellow (89%)

Blue (40%)

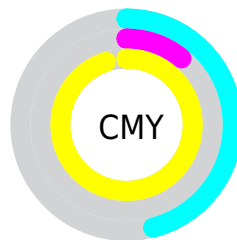


Cyan (39%)

Magenta (0%)

Yellow (94%)

Black (11%)



Cyan (46%)

Magenta (11%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8AE30D 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 8AE30D by changing the saturation by 10% instead.

 8AE30D

 8AE30D

FFFFFF

 6CC700

 C6FF5B

 4DAB00

 E4FF79

 2A9000

 FFFF96

 007500

 FFFFB3

 005C00

 FFFFD1

 004300

 FFFFEE

 002D00

 000E00

 000000

 8AE30D

 8AE30D

 85E300

 93E324

 9DE33A

 A6E351

 B0E368

 B9E37E

 C3E395

 CCE3AC

 D6E3C3

 DFE3D9

Harmonies

Analogous

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



E8CD00



8AE30D



00EF7A

Triad

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



8AE30D



00E9FF



FF66C2

Complementary

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



8AE30D



660DE3

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.



FF80FF



8AE30D



00D3FF

Square

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



8AE30D



00F3FF



DBADFF



FF7F6B

Rectangle

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



8AE30D



00F3B8



DBADFF



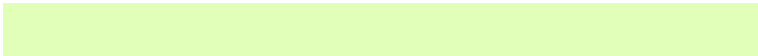
FF69E0

Sweetspot

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



8AE30D



E1FFB8



E3630D



6D8054



000000



808080

Same Dimension

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



8AE30D



95FF00



22E30D



6E7367



68B300



1E3300

Inverse Universe

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



660DE3



6A00FF



CE0DE3



6C6773



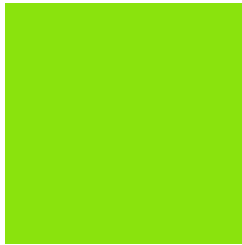
4A00B3



150033

Previews

White Background



This preview shows how the Hex color 8AE30D looks on a white background.

Color Contrast Check

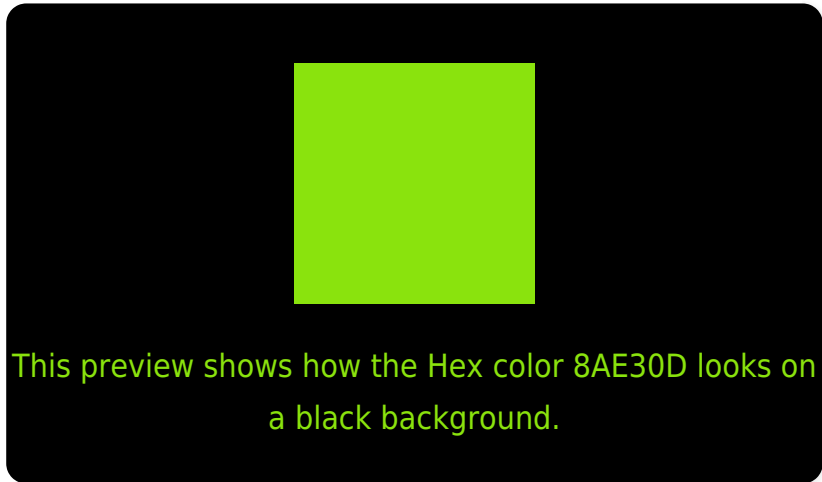
Large Text (above 18pt) WCAG AA × Fail

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 8AE30D Background



This preview shows how black text looks on a background with the Hex color 8AE30D.

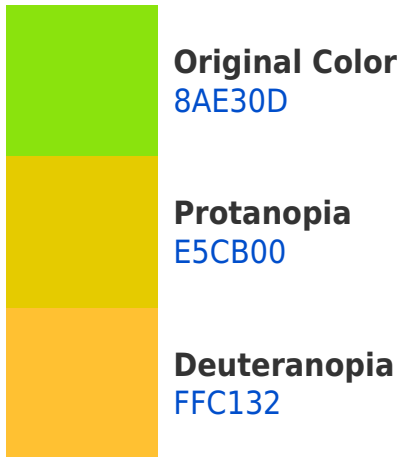


This preview shows how white text looks on a background with the Hex color 8AE30D.

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](#).

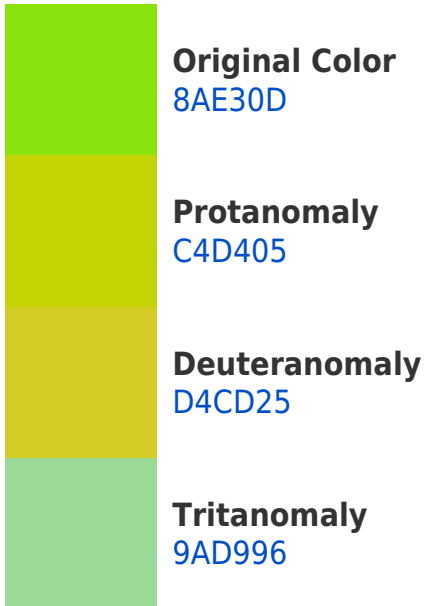
Dichromacy



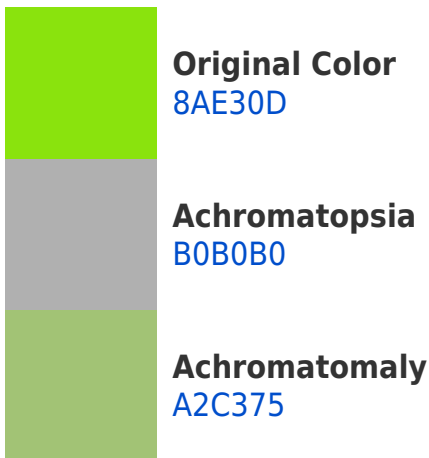


Tritanopia
A3D3E4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8AE30D 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 #8AE30D looks like.

```
.text, #text, p{  
    color:#8AE30D  
}
```

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 #8AE30D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AE30D
}
```

Border

The CSS property to change the border of an element to Hex 8AE30D 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
#8AE30D }
```

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

```
.border{ border-color:#8AE30D }
```

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

Here you see how a box with a 4 pixel #8AE30D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AE30D; -webkit-box-shadow:4px 4px  
4px 4px #8AE30D; box-shadow:4px 4px 4px  
4px #8AE30D }
```

Background

The CSS property to change the background color of an element to Hex 8AE30D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AE30D }
```

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

```
.background{ background-color:#8AE30D }
```

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