

Converting Colors

Hex(8EE31D)

Have a look what the booklet for
Hex(8EE31D) contains.

Hex(8EE31D)	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(8EE31D)

Conversions

Conversions Part 1

Format	Color
Hex	8EE31D
RGB	142, 227, 29
RGB Percent	56%, 89%, 11%
CMY	0.4431, 0.1098, 0.8863
CMYK	0.37, 0.00, 0.87, 0.11
HSL	86°, 78%, 50%
HSV	86°, 87%, 89%
XYZ	38.8462, 60.7777, 10.8463
YIQ	179.0130, 12.8980, -79.5980

Conversions

Conversions Part 2

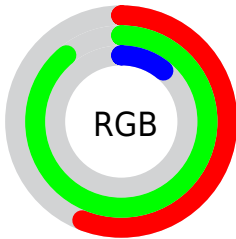
Format	Color
RYB	29, 227, 114
Decimal	9364253
CIELab	82.26, -52.47, 76.70
CIELCh	82, 92.932, 124.378
Yxy	60.7777, 0.3516, 0.5502
Android (android.graphics.Color)	4287554333 (0xFF8EE31D)
YUV	179.0130, -73.9564, -32.4604
Hunter-Lab	77.9600, -47.4865, 46.3233

Details

The Hex color **8EE31D** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **721DE3**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **CAFF61**, and **52AB00** is the 20% darker color. If you saturate the color by 10%, you get **84E306**, and if you desaturate by 10%, it is **98E334**.

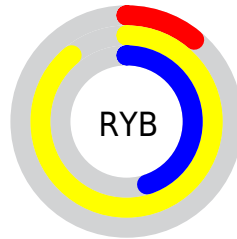
Distribution



Red (56%)

Green (89%)

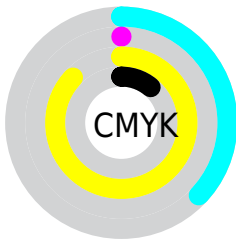
Blue (11%)



Red (11%)

Yellow (89%)

Blue (45%)

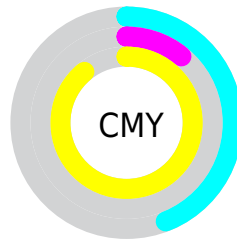


Cyan (37%)

Magenta (0%)

Yellow (87%)

Black (11%)



Cyan (44%)

Magenta (11%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8EE31D 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 8EE31D by changing the saturation by 10% instead.

 8EE31D

 8EE31D

FFFFFF

 70C700

 CAFF61

 52AB00

 E8FF7F

 319000

 FFFF9C

 007600

 FFFFB9

 005C00

 FFFFD6

 004300

 FFFFF4

 002E00

 000F00

 000000

 8EE31D

 8EE31D

 84E306

 98E334

 82E300

 A1E34A

 ABE361

 B5E378

 BFE38F

 C8E3A5

 D2E3BC

 DCE3D3

 E6E3E9

Harmonies

Analogous

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



E9CD00



8EE31D



00EF7C

Triad

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



8EE31D



00E9FF



FF6CC4

Complementary

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



8EE31D



721DE3

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.



FF84FF



8EE31D



00D3FF

Square

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



8EE31D



00F3FF



DBAFFF



FF836F

Rectangle

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



8EE31D



00F3B9



DBAFFF



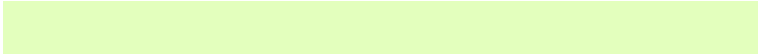
FF6FE1

Sweetspot

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



8EE31D



E3FFBD



E3701D



6F8058



000000



808080

Same Dimension

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



8EE31D



92FF00



2EE31D



6E7367



66B300



1D3300

Inverse Universe

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



721DE3



6D00FF



D21DE3



6C6773



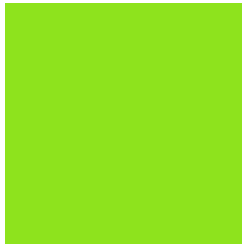
4D00B3



160033

Previews

White Background



This preview shows how the Hex color 8EE31D looks on a white background.

Color Contrast Check

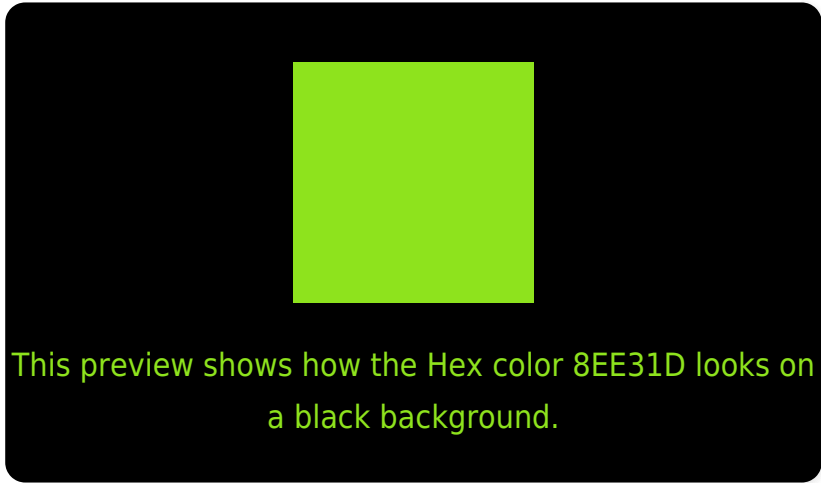
Large Text (above 18pt) WCAG AA × Fail

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 8EE31D Background



This preview shows how black text looks on a background with the Hex color 8EE31D.

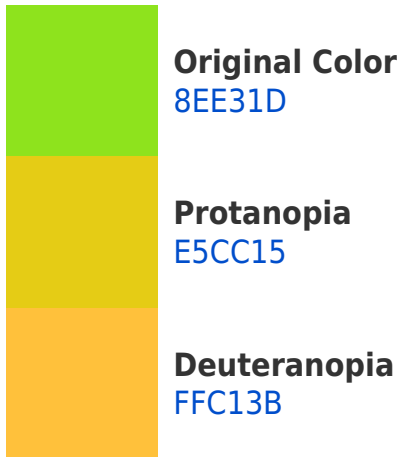


This preview shows how white text looks on a background with the Hex color 8EE31D.

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
A6D3E4

Trichromacy



Original Color
8EE31D



Protanomaly
C5D418



Deuteranomaly
D6CD30

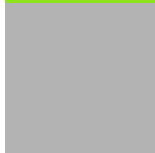


Tritanomaly
9DD99C

Monochromacy



Original Color
8EE31D



Achromatopsia
B3B3B3



Achromatomaly
A6C47C

CSS Examples

Text

The CSS property to change the color of the text to Hex 8EE31D 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 #8EE31D looks like.

```
.text, #text, p{  
    color:#8EE31D  
}
```

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 #8EE31D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EE31D
}
```

Border

The CSS property to change the border of an element to Hex 8EE31D 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
#8EE31D }
```

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

```
.border{ border-color:#8EE31D }
```

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

Here you see how a box with a 4 pixel #8EE31D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EE31D; -webkit-box-shadow:4px 4px  
4px 4px #8EE31D; box-shadow:4px 4px 4px  
4px #8EE31D }
```

Background

The CSS property to change the background color of an element to Hex 8EE31D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EE31D }
```

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

```
.background{ background-color:#8EE31D }
```

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