

Converting Colors

Hex(8AE250)

Have a look what the booklet for
Hex(8AE250) contains.

| | |
|------------------------------------------------|----|
| Hex(8AE250) | 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(8AE250)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 8AE250 |
| RGB | 138, 226, 80 |
| RGB Percent | 54%, 89%, 31% |
| CMY | 0.4588, 0.1137, 0.6863 |
| CMYK | 0.39, 0.00, 0.65, 0.11 |
| HSL | 96°, 72%, 60% |
| HSV | 96°, 65%, 89% |
| XYZ | 39.1256, 60.3752, 17.1809 |
| YIQ | 183.0440, -5.5820, -64.0620 |

Conversions

Conversions Part 2

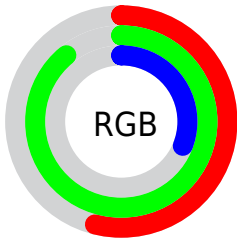
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 80, 226, 168 |
| Decimal | 9101904 |
| CIELab | 82.04, -50.65, 60.96 |
| CIElCh | 82, 79.258, 129.721 |
| Yxy | 60.3752, 0.3353, 0.5174 |
| Android (android.graphics.Color) | 4287291984 (0xFF8AE250) |
| YUV | 183.0440, -50.8007, -39.5036 |
| Hunter-Lab | 77.7015, -46.0962, 41.2812 |

Details

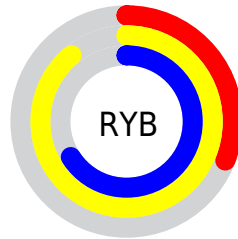
The Hex color **8AE250** is a light color, and the websafe version is hex **66CC33**. The color can be described as light muted chartreuse. A complement of this color would be **A850E2**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **C4FF87**, and **50AA10** is the 20% darker color. If you saturate the color by 10%, you get **7CE239**, and if you desaturate by 10%, it is **98E267**.

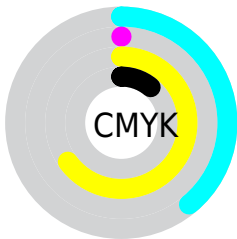
Distribution



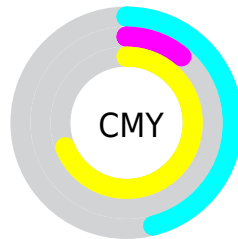
- Red (54%)
- Green (89%)
- Blue (31%)



- Red (31%)
- Yellow (89%)
- Blue (66%)



- Cyan (39%)
- Magenta (0%)
- Yellow (65%)
- Black (11%)



- Cyan (46%)
- Magenta (11%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8AE250 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 8AE250 by changing the saturation by 10% instead.

 8AE250

FFFFFF

 C4FF87

 E2FFA3

 FFFFBF

 FFFFDC

 FFFFFA

 8AE250

 6DC633

 50AA10

 308F00


 007500

 005B00

 004300

 002D00

 000E00

 000000

 8AE250

 8AE250

 7CE239

 98E267

 6FE223

 A5E27D

 61E20C

 B3E294

 5AE200

 C0E2AA

 CEE2C1

 DCE2D8

 E9E2EE

 F7E2FF

 FFE2FF

Harmonies

Analogous

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



DBD01F



8AE250



00EC96

Triad

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



8AE250



00E2FF



FF84B7

Complementary

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



8AE250



A850E2

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.



FF8EFF



8AE250



54CDFF

Square

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



8AE250



00EDFF



EEADFF



FF9770

Rectangle

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



8AE250



00EFC9



EEADFF



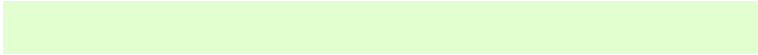
FF83D0

Sweetspot

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



8AE250



E2FFCF



E2A850



6E8062



000000



808080

Same Dimension

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



8AE250



87FF38



50E25F



697065



46B000



133000

Inverse Universe

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



A850E2



B038FF



E250D3



6C6570



6A00B0



1D0030

Previews

White Background



This preview shows how the Hex color 8AE250 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 8AE250 Background



This preview shows how black text looks on a background with the Hex color 8AE250.

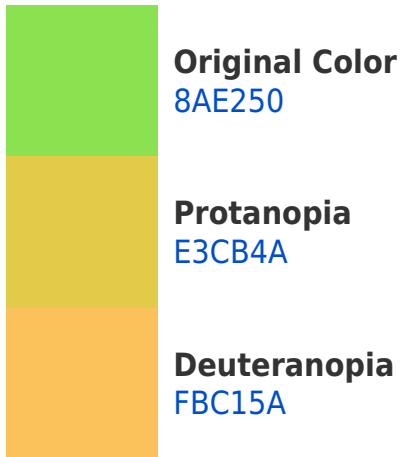


This preview shows how white text looks on a background with the Hex color 8AE250.

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](#).

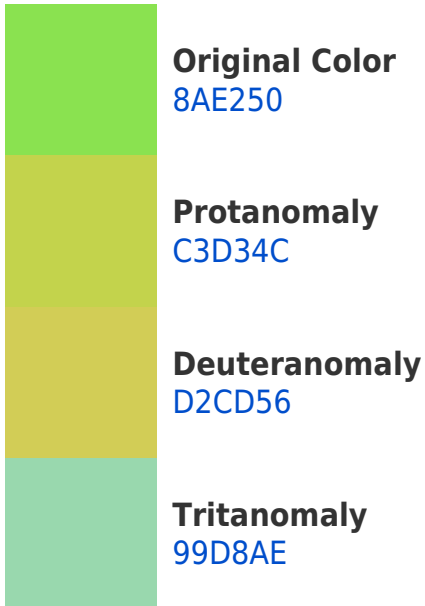
Dichromacy



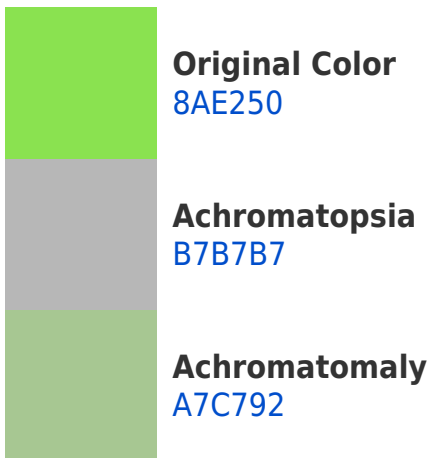


Tritanopia
A1D3E4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8AE250 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 #8AE250 looks like.

```
.text, #text, p{  
    color:#8AE250  
}
```

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 #8AE250 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AE250
}
```

Border

The CSS property to change the border of an element to Hex 8AE250 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
#8AE250 }
```

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

```
.border{ border-color:#8AE250 }
```

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

Here you see how a box with a 4 pixel #8AE250 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AE250; -webkit-box-shadow:4px 4px  
4px 4px #8AE250; box-shadow:4px 4px 4px  
4px #8AE250 }
```

Background

The CSS property to change the background color of an element to Hex 8AE250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AE250 }
```

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

```
.background{ background-color:#8AE250 }
```

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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