

Converting Colors

Hex(8FE954)

Have a look what the booklet for
Hex(8FE954) contains.

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Color

Hex(8FE954)

Conversions

Conversions Part 1

Format	Color
Hex	8FE954
RGB	143, 233, 84
RGB Percent	56%, 91%, 33%
CMY	0.4392, 0.0863, 0.6706
CMYK	0.39, 0.00, 0.64, 0.09
HSL	96°, 77%, 62%
HSV	96°, 64%, 91%
XYZ	42.0668, 64.7576, 18.6698
YIQ	189.1040, -5.8110, -65.4190

Conversions

Conversions Part 2

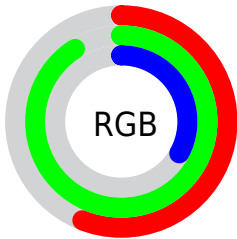
Format	Color
RYB	84, 233, 174
Decimal	9431380
CIELab	84.36, -51.54, 61.92
CIElCh	84, 80.565, 129.772
Yxy	64.7576, 0.3352, 0.5160
Android (android.graphics.Color)	4287621460 (0xFF8FE954)
YUV	189.1040, -51.8163, -40.4332
Hunter-Lab	80.4721, -47.5151, 42.5750

Details

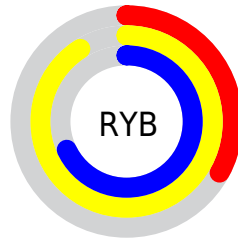
The Hex color **8FE954** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **AE54E9**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **C9FF8B**, and **55B116** is the 20% darker color. If you saturate the color by 10%, you get **81E93D**, and if you desaturate by 10%, it is **9DE96B**.

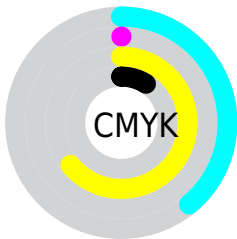
Distribution



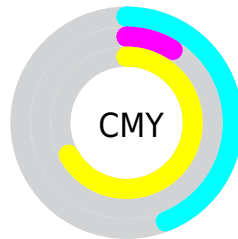
- Red (56%)
- Green (91%)
- Blue (33%)



- Red (33%)
- Yellow (91%)
- Blue (68%)



- Cyan (39%)
- Magenta (0%)
- Yellow (64%)
- Black (9%)



- Cyan (44%)
- Magenta (9%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8FE954 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 8FE954 by changing the saturation by 10% instead.

 8FE954

 8FE954

FFFFFF

 72CC38

 C9FF8B

 55B116

 E7FFA7

 359500

 FFFFC4

 077B00

 FFFFE1

 006100

FFFFFFE

 004800

 003100

 001800

 000000

 8FE954

 8FE954

 81E93D

 9DE96B

 73E925

 ABE983

 65E90E

 B9E99A

 5CE900

 C7E9B1

 D5E9C9

 E3E9E0

 F2E9F7

 FFE9FF

Harmonies

Analogous

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



E2D723



8FE954



00F39B

Triad

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



8FE954



00E9FF



FF89BD

Complementary

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



8FE954



AE54E9

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.



FF93FF



8FE954



5AD3FF

Square

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



8FE954



00F4FF



F6B3FF



FF9C75

Rectangle

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



8FE954



00F6D0



F6B3FF



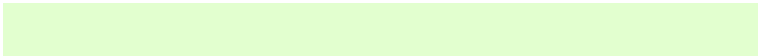
FF89D6

Sweetspot

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



8FE954



E2FFCF



E9AD54



6E8062



000000



808080

Same Dimension

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



8FE954



88FF3B



54E963



6E756A



48B500



153600

Inverse Universe

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



AE54E9



B13BFF



E954DA



716A75



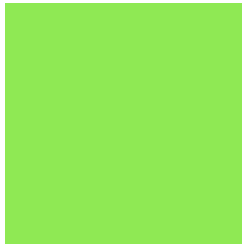
6D00B5



200036

Previews

White Background



This preview shows how the Hex color 8FE954 looks on a white background.

Color Contrast Check

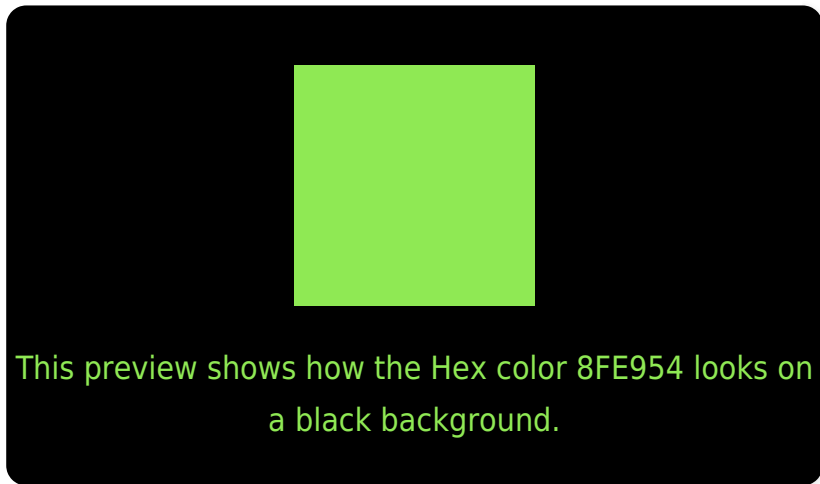
Large Text (above 18pt) WCAG AA × Fail

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 8FE954 Background



This preview shows how black text looks on a background with the Hex color 8FE954.

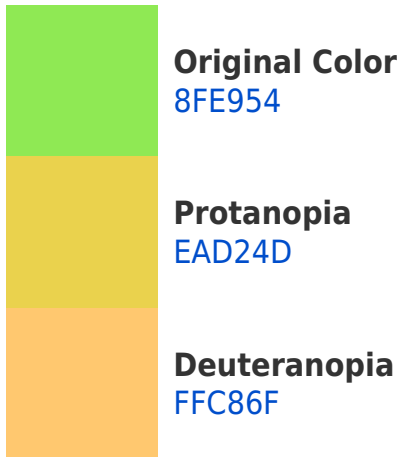


This preview shows how white text looks on a background with the Hex color 8FE954.

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



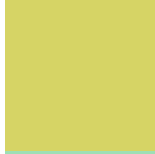
Trichromacy



Original Color
8FE954



Protanomaly
C9DA50



Deuteranomaly
D6D465

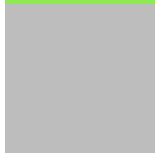


Tritanomaly
9EDFB5

Monochromacy



Original Color
8FE954



Achromatopsia
BDBDBD



Achromatomaly
ACCD97

CSS Examples

Text

The CSS property to change the color of the text to Hex 8FE954 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 #8FE954 looks like.

```
.text, #text, p{  
    color:#8FE954  
}
```

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 #8FE954 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8FE954
}
```

Border

The CSS property to change the border of an element to Hex 8FE954 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
#8FE954 }
```

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

```
.border{ border-color:#8FE954 }
```

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

Here you see how a box with a 4 pixel #8FE954 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8FE954; -webkit-box-shadow:4px 4px  
4px 4px #8FE954; box-shadow:4px 4px 4px  
4px #8FE954 }
```

Background

The CSS property to change the background color of an element to Hex 8FE954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8FE954 }
```

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

```
.background{ background-color:#8FE954 }
```

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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