

Converting Colors

Hex(8FE643)

Have a look what the booklet for
Hex(8FE643) contains.

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Color

Hex(8FE643)

Conversions

Conversions Part 1

Format	Color
Hex	8FE643
RGB	143, 230, 67
RGB Percent	56%, 90%, 26%
CMY	0.4392, 0.0980, 0.7373
CMYK	0.38, 0.00, 0.71, 0.10
HSL	92°, 77%, 58%
HSV	92°, 71%, 90%
XYZ	40.6376, 62.8385, 15.2974
YIQ	185.4050, 0.4710, -69.1370

Conversions

Conversions Part 2

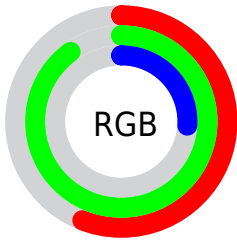
Format	Color
RYB	67, 230, 154
Decimal	9430595
CIELab	83.36, -51.59, 67.33
CIElCh	83, 84.825, 127.458
Yxy	62.8385, 0.3421, 0.5291
Android (android.graphics.Color)	4287620675 (0xFF8FE643)
YUV	185.4050, -58.3737, -37.1892
Hunter-Lab	79.2707, -47.2170, 44.0479

Details

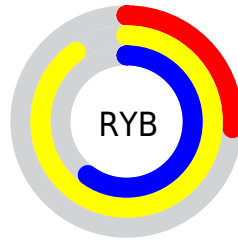
The Hex color **8FE643** is a dark color, and the websafe version is hex **99FF66**. The color can be described as middle muted chartreuse. A complement of this color would be **9A43E6**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **CAFF7C**, and **54AE00** is the 20% darker color. If you saturate the color by 10%, you get **83E62C**, and if you desaturate by 10%, it is **9BE65A**.

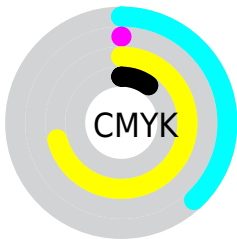
Distribution



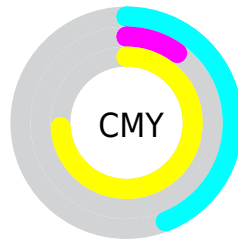
- Red (56%)
- Green (90%)
- Blue (26%)



- Red (26%)
- Yellow (90%)
- Blue (60%)



- Cyan (38%)
- Magenta (0%)
- Yellow (71%)
- Black (10%)



- Cyan (44%)
- Magenta (10%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8FE643 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 8FE643 by changing the saturation by 10% instead.

 8FE643

 8FE643

FFFFFF

 72CA22

 CAFF7C

 54AE00

 E8FF98

 349300

 FFFFB5

 057800

 FFFF D2

 005F00

 FFFF EF

 004600

 003000

 001400

 000000

 8FE643

 8FE643

 83E62C

 9BE65A

 76E615

 A8E671

 6BE600

 B4E688

 C0E69F

 CCE6B6

 D9E6CD

 E5E6E4

 F1E6FB

 FDE6FF

Harmonies

Analogous

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



E4D200



8FE643



00F18F

Triad

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



8FE643



00E8FF



FF7FBF

Complementary

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



8FE643



9A43E6

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



8FE643



00D3FF

Square

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



8FE643



00F3FF



EBB1FF



FF9373

Rectangle

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



8FE643



00F4C6



EBB1FF



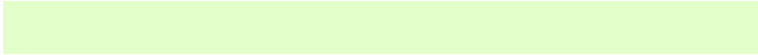
FF80DA

Sweetspot

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



8FE643



E2FFC9



E69A43



6E8060



000000



808080

Same Dimension

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



8FE643



8BFF26



43E648



6D7367



53B300



183300

Inverse Universe

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



9A43E6



9A26FF



E643E1



6D6773



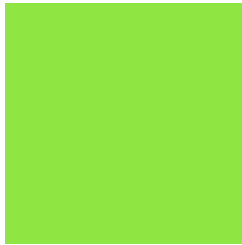
5F00B3



1B0033

Previews

White Background



This preview shows how the Hex color 8FE643 looks on a white background.

Color Contrast Check

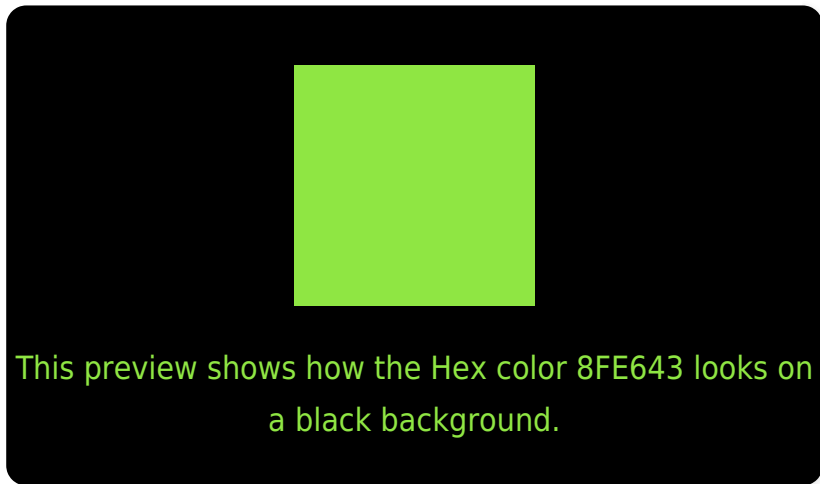
Large Text (above 18pt) WCAG AA × Fail

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 8FE643 Background



This preview shows how black text looks on a background with the Hex color 8FE643.

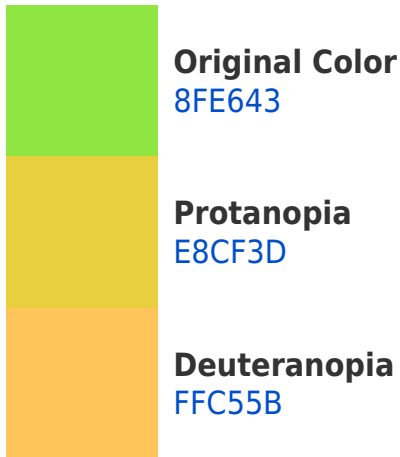


This preview shows how white text looks on a background with the Hex color 8FE643.

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
A7D7E8

Trichromacy



Original Color
8FE643



Protanomaly
C8D73F



Deuteranomaly
D6D152

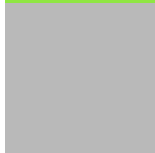


Tritanomaly
9EDCAC

Monochromacy



Original Color
8FE643



Achromatopsia
B9B9B9



Achromatomaly
AAC98E

CSS Examples

Text

The CSS property to change the color of the text to Hex 8FE643 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 #8FE643 looks like.

```
.text, #text, p{  
    color:#8FE643  
}
```

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 #8FE643 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8FE643
}
```

Border

The CSS property to change the border of an element to Hex 8FE643 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
#8FE643 }
```

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

```
.border{ border-color:#8FE643 }
```

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

Here you see how a box with a 4 pixel #8FE643 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8FE643; -webkit-box-shadow:4px 4px  
4px 4px #8FE643; box-shadow:4px 4px 4px  
4px #8FE643 }
```

Background

The CSS property to change the background color of an element to Hex 8FE643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8FE643 }
```

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

```
.background{ background-color:#8FE643 }
```

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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