

# Converting Colors

Hex(9FE243)

Have a look what the booklet for  
Hex(9FE243) contains.

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**Color**

**Hex(9FE243)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9FE243
RGB	159, 226, 67
RGB Percent	62%, 89%, 26%
CMY	0.3765, 0.1137, 0.7373
CMYK	0.30, 0.00, 0.70, 0.11
HSL	85°, 73%, 57%
HSV	85°, 70%, 89%
XYZ	42.5076, 62.1689, 15.0696
YIQ	187.8410, 11.1070, -63.6530

# Conversions

## Conversions Part 2

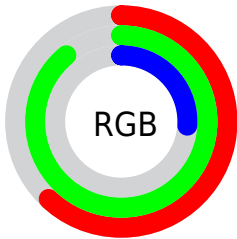
Format	Color
<a href="#">RYB</a>	<a href="#">67, 226, 134</a>
Decimal	<a href="#">10478147</a>
CIELab	<a href="#">83.00, -44.37, 67.24</a>
CIElCh	<a href="#">83, 80.563, 123.420</a>
Yxy	<a href="#">62.1689, 0.3550, 0.5192</a>
Android (android.graphics.Color)	<a href="#">4288668227 (0xFF9FE243)</a>
YUV	<a href="#">187.8410, -59.5746, -25.2936</a>
Hunter-Lab	<a href="#">78.8473, -41.7511, 43.8613</a>

# Details

The Hex color **9FE243** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **8643E2**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **D9FF7C**, and **66AA00** is the 20% darker color. If you saturate the color by 10%, you get **95E22C**, and if you desaturate by 10%, it is **A9E25A**.

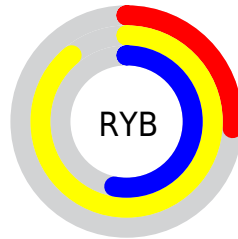
# Distribution



Red (62%)

Green (89%)

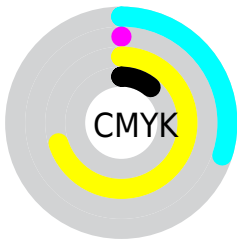
Blue (26%)



Red (26%)

Yellow (89%)

Blue (53%)

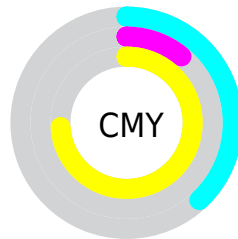


Cyan (30%)

Magenta (0%)

Yellow (70%)

Black (11%)



Cyan (38%)

Magenta (11%)

Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9FE243 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 9FE243 by changing the saturation by 10% instead.



 9FE243

 9FE243

FFFFFF

 82C623

 D9FF7C

 66AA00

 F7FF98

 498F00

 FFFFB4

 2A7500

 FFFF00

 005C00

 FFFF00

 004400

 002D00

 001200

 000000

 9FE243

 9FE243

 95E22C

 A9E25A

 8CE216

 B2E270

 83E200

 BCE287

 C5E29D

 CFE2B4

 D8E2CB

 E2E2E1

 EBE2F8

 F5E2FF

# Harmonies

## Analogous

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



EDCE1B



9FE243



00EE87

# Triad

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



9FE243



00E8FF



FF84C9

# Complementary

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



9FE243



8643E2

# 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.



FF95FF



9FE243



00D5FF

# Square

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



9FE243



00F1FF



DBB7FF



FF9280

# Rectangle

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



9FE243



00F1BB



DBB7FF



FF86E3

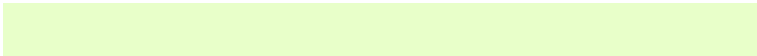


# Sweetspot

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



9FE243



E8FFC9



E28543



728060



000000



808080



# Same Dimension

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



9FE243



A5FF29



50E243



6B7065



66B000



1C3000



# Inverse Universe

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



8643E2



8329FF



D543E2



6A6570



4A00B0

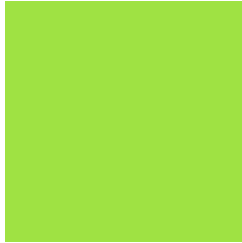


140030



# Previews

## White Background



This preview shows how the Hex color 9FE243 looks on a white background.

## Color Contrast Check

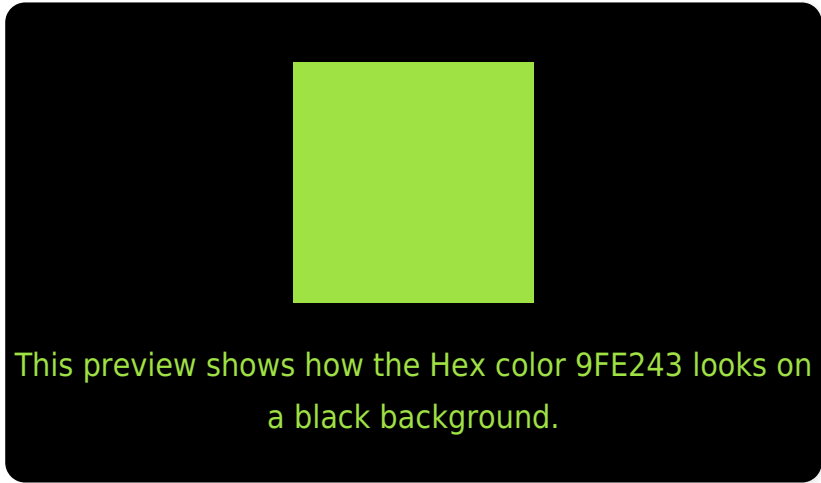
Large Text (above 18pt) WCAG AA × Fail

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 9FE243 Background



This preview shows how black text looks on a background with the Hex color 9FE243.

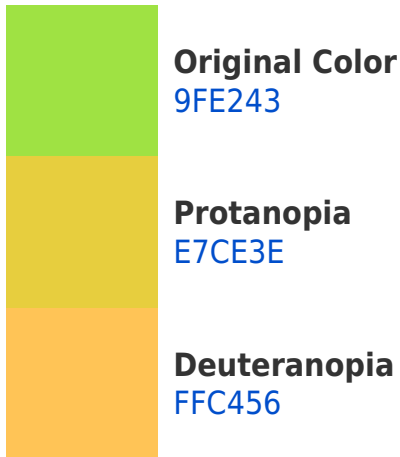


This preview shows how white text looks on a background with the Hex color 9FE243.

# 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](#).

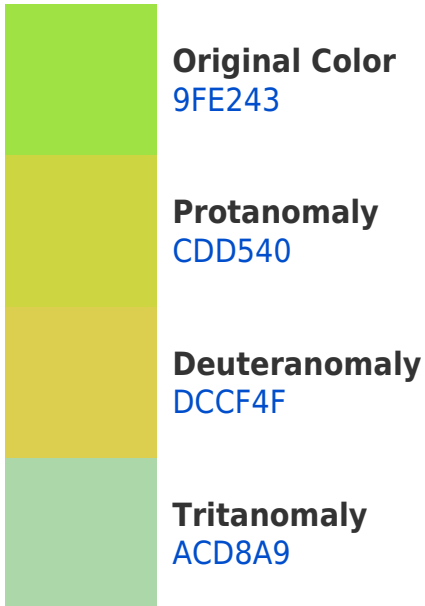
## Dichromacy



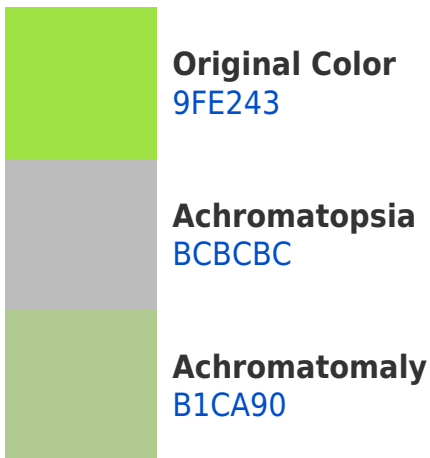


**Tritanopia**  
B3D3E4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9FE243 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 #9FE243 looks like.

```
.text, #text, p{  
    color:#9FE243  
}
```

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 #9FE243 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FE243
}
```

## Border

The CSS property to change the border of an element to Hex 9FE243 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
#9FE243 }
```

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

```
.border{ border-color:#9FE243 }
```

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

Here you see how a box with a 4 pixel #9FE243 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FE243; -webkit-box-shadow:4px 4px  
4px 4px #9FE243; box-shadow:4px 4px 4px  
4px #9FE243 }
```

# Background

The CSS property to change the background color of an element to Hex 9FE243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FE243 }
```

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

```
.background{ background-color:#9FE243 }
```

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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