

Converting Colors

Hex(9EFE51)

Have a look what the booklet for
Hex(9EFE51) contains.

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Color

Hex(9EFE51)

Conversions

Conversions Part 1

Format	Color
Hex	9EFE51
RGB	158, 254, 81
RGB Percent	62%, 100%, 32%
CMY	0.3804, 0.0039, 0.6824
CMYK	0.38, 0.00, 0.68, 0.00
HSL	93°, 99%, 66%
HSV	93°, 68%, 100%
XYZ	51.0276, 78.7468, 20.2948
YIQ	205.5740, -1.6830, -74.1550

Conversions

Conversions Part 2

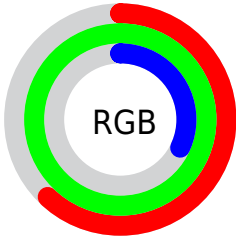
Format	Color
RYB	81, 254, 177
Decimal	10419793
CIELab	91.12, -55.35, 70.44
CIElCh	91, 89.587, 128.157
Yxy	78.7468, 0.3400, 0.5247
Android (android.graphics.Color)	4288609873 (0xFF9EFE51)
YUV	205.5740, -61.4150, -41.7224
Hunter-Lab	88.7394, -52.6516, 48.5579

Details

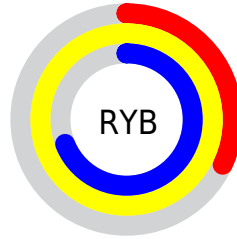
The Hex color **9EFE51** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **B151FE**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **DAFF8A**, and **62C502** is the 20% darker color. If you saturate the color by 10%, you get **90FE38**, and if you desaturate by 10%, it is **ACFE6A**.

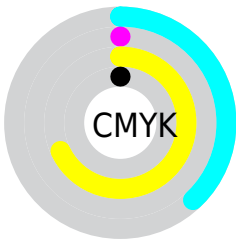
Distribution



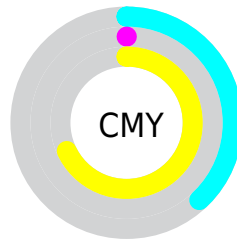
- Red (62%)
- Green (100%)
- Blue (32%)



- Red (32%)
- Yellow (100%)
- Blue (69%)



- Cyan (38%)
- Magenta (0%)
- Yellow (68%)
- Black (0%)



- Cyan (38%)
- Magenta (0%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9EFE51 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 9EFE51 by changing the saturation by 10% instead.

 9EFE51

 9EFE51

FFFFFF

 80E132

 DAFF8A

 62C502

 F8FFA7

 43A900

 FFFFC4

 1C8E00

 FFFFEE1

 007300

 005A00

 004100

 002B00

 000800

 9EFE51

 9EFE51

 90FE38

 ACFE6A

 82FE1E

 BAFE84

 74FE05

 C8FE9D

 71FE00

 D6FEB7

 E4FED0

 F3FEE9

FFFEFF

Harmonies

Analogous

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



FAE910



9EFE51



00FFA2

Triad

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



9EFE51



00FFFF



FF90D2

Complementary

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



9EFE51



B151FE

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.



FF9EFF



9EFE51



34E8FF

Square

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



9EFE51



00FFFF



FFC4FF



FFA680

Rectangle

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



9EFE51



00FFDD



FFC4FF



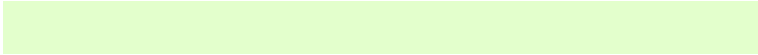
FF90EF

Sweetspot

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



9EFE51



E3FFCC



FEB051



6F8061



000000



808080

Same Dimension

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



9EFE51



8BFF2E



51FE5A



788073



55BF00



1C4000

Inverse Universe

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



B151FE



A22EFF



FE51F5



7A7380



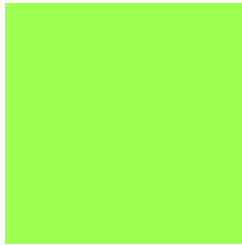
6A00BF



230040

Previews

White Background



This preview shows how the Hex color 9EFE51 looks on a white background.

Color Contrast Check

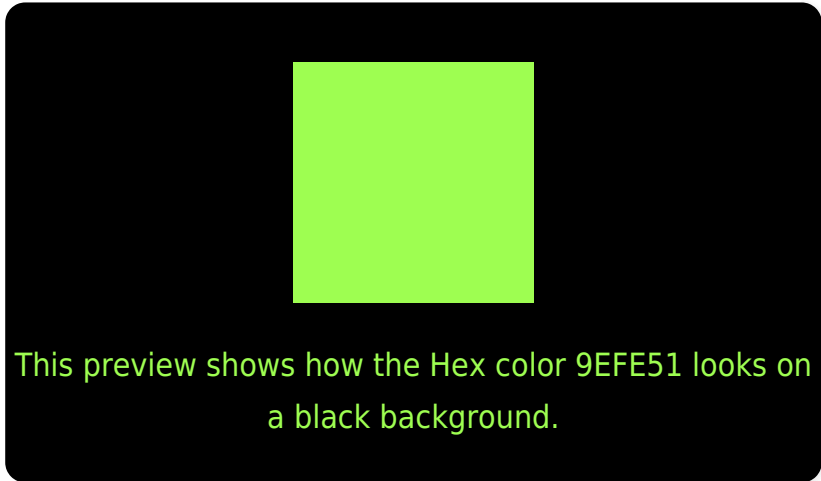
Large Text (above 18pt) WCAG AA × Fail

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

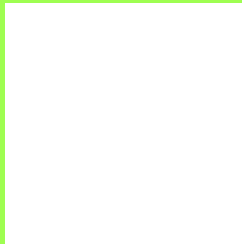
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 9EFE51 Background



This preview shows how black text looks on a background with the Hex color 9EFE51.

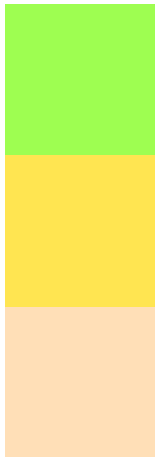


This preview shows how white text looks on a background with the Hex color 9EFE51.

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](#).

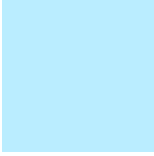
Dichromacy



Original Color
#4682B4

Protanopia
#E55146

Deuteranopia
#F7946D

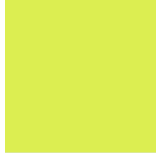


Tritanopia
BAEDFF

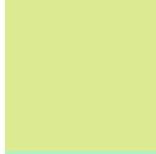
Trichromacy



Original Color
9EFE51



Protanomaly
DCEE51

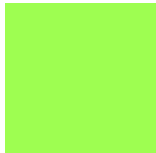


Deuteranomaly
DCEA92

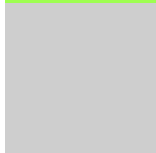


Tritanomaly
B0F3C0

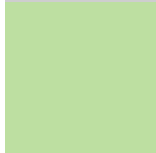
Monochromacy



Original Color
9EFE51



Achromatopsia
CECECE



Achromatomaly
BDDFA1

CSS Examples

Text

The CSS property to change the color of the text to Hex 9EFE51 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 #9EFE51 looks like.

```
.text, #text, p{  
    color:#9EFE51  
}
```

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 #9EFE51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EFE51
}
```

Border

The CSS property to change the border of an element to Hex 9EFE51 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
#9EFE51 }
```

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

```
.border{ border-color:#9EFE51 }
```

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

Here you see how a box with a 4 pixel #9EFE51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EFE51; -webkit-box-shadow:4px 4px  
4px 4px #9EFE51; box-shadow:4px 4px 4px  
4px #9EFE51 }
```

Background

The CSS property to change the background color of an element to Hex 9EFE51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EFE51 }
```

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

```
.background{ background-color:#9EFE51 }
```

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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