

Converting Colors

Hex(9BEC3F)

Have a look what the booklet for
Hex(9BEC3F) contains.

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Color

Hex(9BEC3F)

Conversions

Conversions Part 1

Format	Color
Hex	9BEC3F
RGB	155, 236, 63
RGB Percent	61%, 93%, 25%
CMY	0.3922, 0.0745, 0.7529
CMYK	0.34, 0.00, 0.73, 0.07
HSL	88°, 82%, 59%
HSV	88°, 73%, 93%
XYZ	44.4102, 67.3183, 15.3557
YIQ	192.0590, 7.2570, -70.9750

Conversions

Conversions Part 2

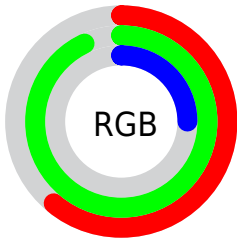
Format	Color
R_{YB}	63, 236, 144
Decimal	10218559
CIE _{Lab}	85.66, -50.22, 71.18
CIE _{LCh}	86, 87.113, 125.205
Yxy	67.3183, 0.3495, 0.5297
Android (android.graphics.Color)	4288408639 (0xFF9BEC3F)
YUV	192.0590, -63.6261, -32.5007
Hunter-Lab	82.0478, -46.9664, 46.3370

Details

The Hex color **9BEC3F** is a dark color, and the websafe version is hex **99FF66**. The color can be described as middle washed chartreuse. A complement of this color would be **903FEC**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **D6FF79**, and **60B400** is the 20% darker color. If you saturate the color by 10%, you get **90EC27**, and if you desaturate by 10%, it is **A6EC57**.

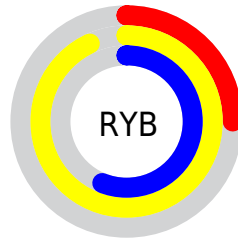
Distribution



Red (61%)

Green (93%)

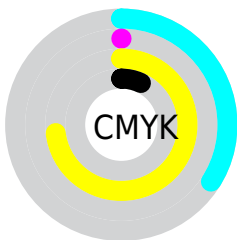
Blue (25%)



Red (25%)

Yellow (93%)

Blue (56%)

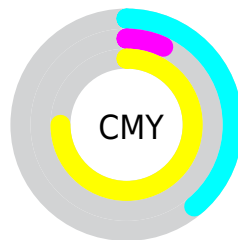


Cyan (34%)

Magenta (0%)

Yellow (73%)

Black (7%)



Cyan (39%)

Magenta (7%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BEC3F 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 9BEC3F by changing the saturation by 10% instead.

 9BEC3F

 9BEC3F

FFFFFF

 7ECF1B

 D6FF79

 60B400

 F4FF96

 429800

 FFFFB3

 1E7E00

 FFFF00

 006400

 FFFF66

 004B00

 003400

 001C00

 000000

 9BEC3F

 9BEC3F

 90EC27

 A6EC57

 85EC10

 B1EC6E

 7EEC00

 BCEC86

 C7EC9D

 D2ECB5

 DDECCD

 E8ECE4

 F3ECFC

 FEECFF

Harmonies

Analogous

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



F1D700



9BEC3F



00F88D

Triad

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



9BEC3F



00F1FF



FF82CB

Complementary

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



9BEC3F



903FEC

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.



FF94FF



9BEC3F



00DBFF

Square

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



9BEC3F



00FBFF



EABAFF



FF957C

Rectangle

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



9BEC3F



00FCC6



EABAFF



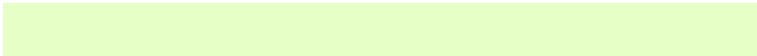
FF84E7

Sweetspot

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



9BEC3F



E5FFC7



EC903F



70805E



000000



808080

Same Dimension

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



9BEC3F



96FF1F



45EC3F



70756A



60B500



1C3600

Inverse Universe

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



903FEC



881FFF



E63FEC



6F6A75



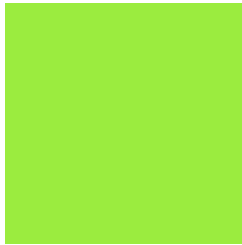
5500B5



190036

Previews

White Background



This preview shows how the Hex color 9BEC3F looks on a white background.

Color Contrast Check

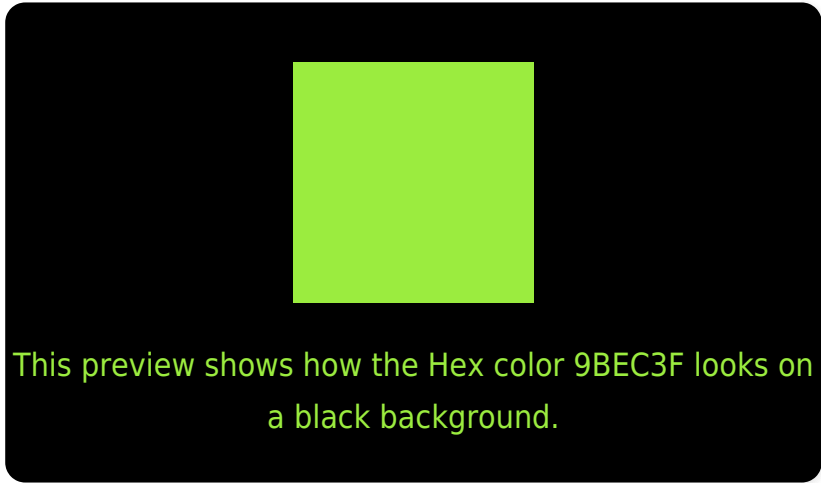
Large Text (above 18pt) WCAG AA × Fail

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 9BEC3F Background



This preview shows how black text looks on a background with the Hex color 9BEC3F.

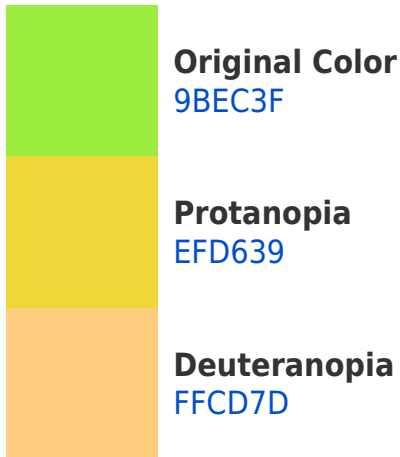


This preview shows how white text looks on a background with the Hex color 9BEC3F.

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](#).

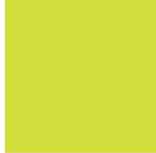
Dichromacy



Trichromacy



Original Color
9BEC3F



Protanomaly
D0DE3B



Deuteranomaly
DBD866

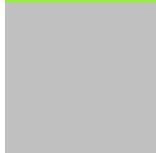


Tritanomaly
AAE2AE

Monochromacy



Original Color
9BEC3F



Achromatopsia
C0C0C0



Achromatomaly
B3D091

CSS Examples

Text

The CSS property to change the color of the text to Hex 9BEC3F 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 #9BEC3F looks like.

```
.text, #text, p{  
    color:#9BEC3F  
}
```

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 #9BEC3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BEC3F
}
```

Border

The CSS property to change the border of an element to Hex 9BEC3F 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
#9BEC3F }
```

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

```
.border{ border-color:#9BEC3F }
```

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

Here you see how a box with a 4 pixel #9BEC3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BEC3F; -webkit-box-shadow:4px 4px  
4px 4px #9BEC3F; box-shadow:4px 4px 4px  
4px #9BEC3F }
```

Background

The CSS property to change the background color of an element to Hex 9BEC3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BEC3F }
```

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

```
.background{ background-color:#9BEC3F }
```

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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