

Converting Colors

Hex(9BF65C)

Have a look what the booklet for
Hex(9BF65C) contains.

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Color

Hex(9BF65C)

Conversions

Conversions Part 1

Format	Color
Hex	9BF65C
RGB	155, 246, 92
RGB Percent	61%, 96%, 36%
CMY	0.3922, 0.0353, 0.6392
CMYK	0.37, 0.00, 0.63, 0.04
HSL	95°, 90%, 66%
HSV	95°, 63%, 96%
XYZ	48.4051, 73.6528, 21.7904
YIQ	201.2350, -4.8020, -67.1860

Conversions

Conversions Part 2

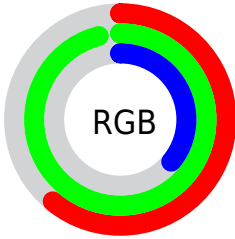
Format	Color
RYB	92, 246, 183
Decimal	10221148
CIELab	88.76, -52.25, 63.63
CIELCh	89, 82.338, 129.393
Yxy	73.6528, 0.3365, 0.5120
Android (android.graphics.Color)	4288411228 (0xFF9BF65C)
YUV	201.2350, -53.8529, -40.5481
Hunter-Lab	85.8212, -49.5091, 45.0208

Details

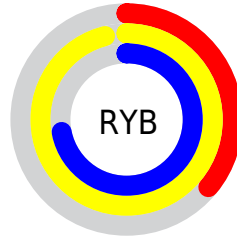
The Hex color **9BF65C** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **B75CF6**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **D6FF94**, and **61BD20** is the 20% darker color. If you saturate the color by 10%, you get **8CF643**, and if you desaturate by 10%, it is **AAF675**.

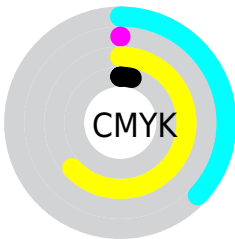
Distribution



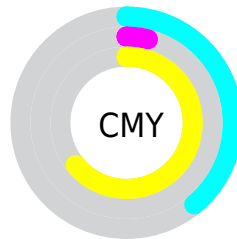
- Red (61%)
- Green (96%)
- Blue (36%)



- Red (36%)
- Yellow (96%)
- Blue (72%)



- Cyan (37%)
- Magenta (0%)
- Yellow (63%)
- Black (4%)



- Cyan (39%)
- Magenta (4%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BF65C 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 9BF65C by changing the saturation by 10% instead.

 9BF65C

 9BF65C

FFFFFF

 7ED940

 D6FF94

 61BD20

 F4FFB0

 42A100

 FFFFCD

 1E8700

 FFFFEA

 006D00

 005300

 003B00

 002500

 000000

 9BF65C

 9BF65C

 8CF643

 AAF675

 7EF62B

 B8F68D

 6FF612

 C7F6A6

 65F600

 D5F6BE

 E4F6D7

 F2F6F0

 FFF6FF

Harmonies

Analogous

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



F0E32D



9BF65C



00FFA4

Triad

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



9BF65C



00F6FF



FF93C9

Complementary

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



9BF65C



B75CF6

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.



FF9FFF



9BF65C



64E0FF

Square

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



9BF65C



00FFFF



FFBFFF



FFA77F

Rectangle

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



9BF65C



00FFDB



FFBFFF



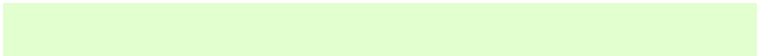
FF94E4

Sweetspot

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



9BF65C



E2FFCF



F6B65C



6E8062



000000



808080

Same Dimension

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



9BF65C



8EFF40



5CF669



737A6E



4CBA00



183B00

Inverse Universe

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



B75CF6



B140FF



F65CE9



756E7A



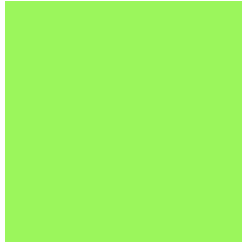
6E00BA



23003B

Previews

White Background



This preview shows how the Hex color 9BF65C looks on a white background.

Color Contrast Check

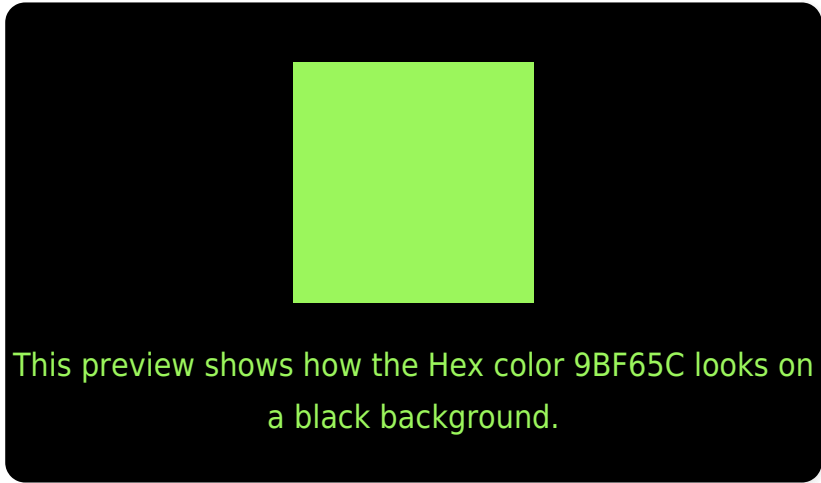
Large Text (above 18pt) WCAG AA × Fail

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

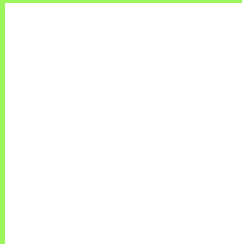
Any Text WCAG AAA ✓ Pass

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

Hex 9BF65C Background



This preview shows how black text looks on a background with the Hex color 9BF65C.

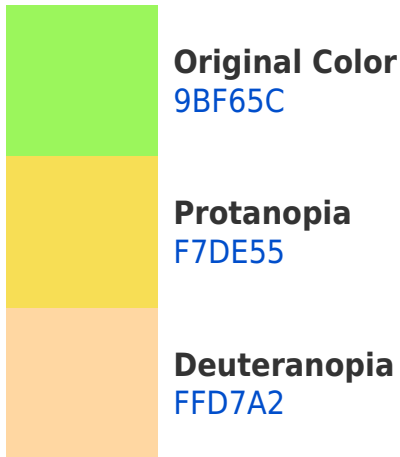


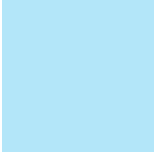
This preview shows how white text looks on a background with the Hex color 9BF65C.

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](#).

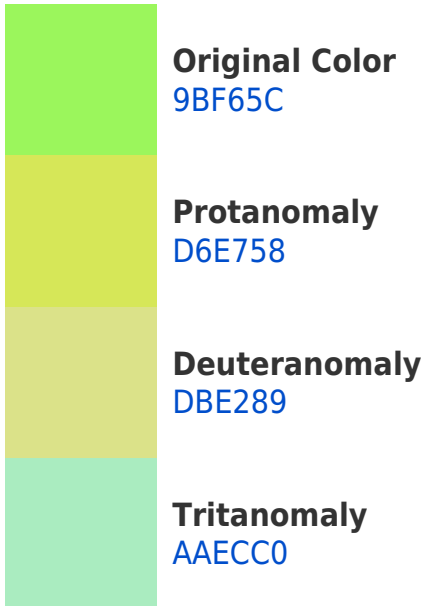
Dichromacy



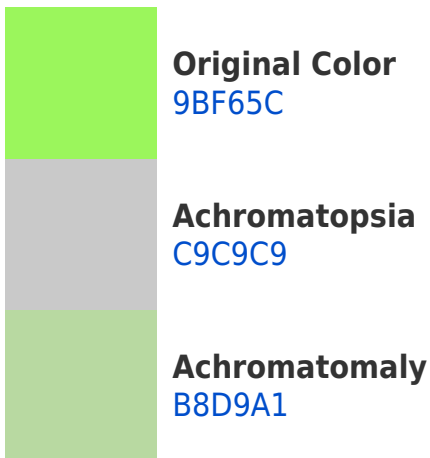


Tritanopia
B3E6F9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9BF65C 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 #9BF65C looks like.

```
.text, #text, p{  
    color:#9BF65C  
}
```

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 #9BF65C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BF65C
}
```

Border

The CSS property to change the border of an element to Hex 9BF65C 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
#9BF65C }
```

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

```
.border{ border-color:#9BF65C }
```

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

Here you see how a box with a 4 pixel #9BF65C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BF65C; -webkit-box-shadow:4px 4px  
4px 4px #9BF65C; box-shadow:4px 4px 4px  
4px #9BF65C }
```

Background

The CSS property to change the background color of an element to Hex 9BF65C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BF65C }
```

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

```
.background{ background-color:#9BF65C }
```

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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