

Converting Colors

Hex(9BFD09)

Have a look what the booklet for
Hex(9BFD09) contains.

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Color

Hex(9BFD09)

Conversions

Conversions Part 1

Format	Color
Hex	9BFD09
RGB	155, 253, 9
RGB Percent	61%, 99%, 4%
CMY	0.3922, 0.0078, 0.9647
CMYK	0.39, 0.00, 0.96, 0.01
HSL	84°, 98%, 51%
HSV	84°, 96%, 99%
XYZ	48.6922, 77.2388, 12.6007
YIQ	195.8820, 19.9160, -96.6600

Conversions

Conversions Part 2

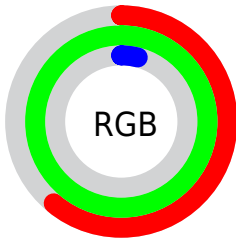
Format	Color
RYB	9, 253, 107
Decimal	10222857
CIELab	90.43, -58.68, 86.04
CIELCh	90, 104.144, 124.294
Yxy	77.2388, 0.3515, 0.5576
Android (android.graphics.Color)	4288412937 (0xFF9BFD09)
YUV	195.8820, -92.1328, -35.8535
Hunter-Lab	87.8856, -54.9037, 53.0192

Details

The Hex color **9BFD09** is a dark color, and the websafe version is hex **99FF00**. The color can be described as middle saturated chartreuse. A complement of this color would be **6B09FD**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **D8FF5F**, and **5DC400** is the 20% darker color. If you saturate the color by 10%, you get **97FD00**, and if you desaturate by 10%, it is **A5FD22**.

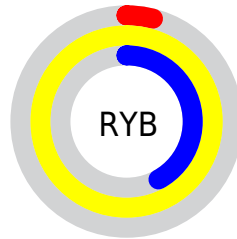
Distribution



Red (61%)

Green (99%)

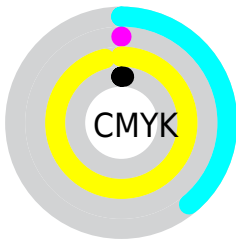
Blue (4%)



Red (4%)

Yellow (99%)

Blue (42%)

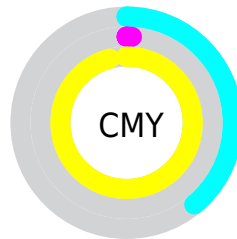


Cyan (39%)

Magenta (0%)

Yellow (96%)

Black (1%)



Cyan (39%)

Magenta (1%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BFD09 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 9BFD09 by changing the saturation by 10% instead.

 9BFD09

 9BFD09

FFFFFF

 7CE000

 D8FF5F

 5DC400

 F7FF7E

 3AA800

 FFFF9C

 068D00

 FFFFBA

 007200

 FFFFFD8

 005900

 FFFFF6

 004000

 002900

 000300

 9BFD09

 9BFD09

 97FD00

 A5FD22

 AFFD3C

 B9FD55

 C4FD6E

 CEFD88

 D8FDA1

 E2FDBA

 ECFDD3

 F6FDED

Harmonies

Analogous

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



FFE400



9BFD09



00FF87

Triad

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



9BFD09



00FFFF



FF72DA

Complementary

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



9BFD09



6B09FD

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.



FF8FFF



9BFD09



00EBFF

Square

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



9BFD09



00FFFF



F3C2FF



FF8E79

Rectangle

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



9BFD09



00FFCD



F3C2FF



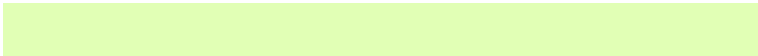
FF76FB

Sweetspot

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



9BFD09



E1FFB5



FD6B09



6E8053



000000



808080

Same Dimension

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



9BFD09



99FF00



21FD09



7A8073



72BF00



264000

Inverse Universe

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



6B09FD



6600FF



E509FD



787380



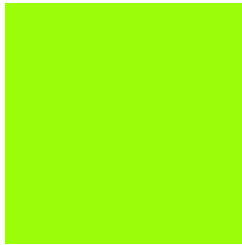
4D00BF



1A0040

Previews

White Background



This preview shows how the Hex color 9BFD09 looks on a white background.

Color Contrast Check

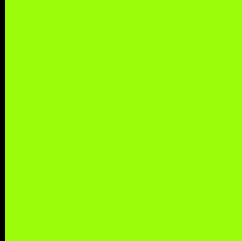
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 9BFD09 looks on a 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 9BFD09 Background



This preview shows how black text looks on a background with the Hex color 9BFD09.

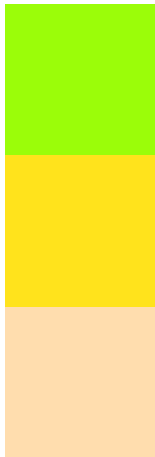


This preview shows how white text looks on a background with the Hex color 9BFD09.

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](#).

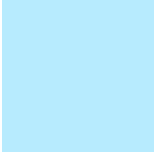
Dichromacy



Original Color
9BFD09

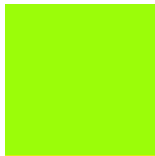
Protanopia
FFE31C

Deuteranopia
FFDDAE



Tritanopia
B7EBFE

Trichromacy



Original Color
9BFD09



Protanomaly
DBEC15



Deuteranomaly
DBE972

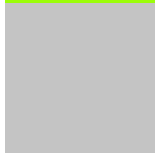


Tritanomaly
ADF2A5

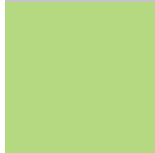
Monochromacy



Original Color
9BFD09



Achromatopsia
C4C4C4



Achromatomaly
B5D980

CSS Examples

Text

The CSS property to change the color of the text to Hex 9BFD09 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 #9BFD09 looks like.

```
.text, #text, p{  
    color:#9BFD09  
}
```

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 #9BFD09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BFD09
}
```

Border

The CSS property to change the border of an element to Hex 9BFD09 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
#9BFD09 }
```

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

```
.border{ border-color:#9BFD09 }
```

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

Here you see how a box with a 4 pixel #9BFD09 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BFD09; -webkit-box-shadow:4px 4px  
4px 4px #9BFD09; box-shadow:4px 4px 4px  
4px #9BFD09 }
```

Background

The CSS property to change the background color of an element to Hex 9BFD09 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BFD09 }
```

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

```
.background{ background-color:#9BFD09 }
```

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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