

Converting Colors

Hex(9BFA21)

Have a look what the booklet for
Hex(9BFA21) contains.

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Color

Hex(9BFA21)

Conversions

Conversions Part 1

Format	Color
Hex	9BFA21
RGB	155, 250, 33
RGB Percent	61%, 98%, 13%
CMY	0.3922, 0.0196, 0.8706
CMYK	0.38, 0.00, 0.87, 0.02
HSL	86°, 96%, 55%
HSV	86°, 87%, 98%
XYZ	47.9777, 75.4496, 13.4734
YIQ	196.8570, 13.0370, -87.6270

Conversions

Conversions Part 2

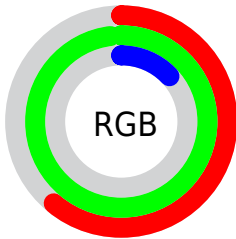
Format	Color
RYB	33, 250, 128
Decimal	10222113
CIELab	89.60, -57.08, 82.41
CIElCh	90, 100.246, 124.705
Yxy	75.4496, 0.3505, 0.5511
Android (android.graphics.Color)	4288412193 (0xFF9BFA21)
YUV	196.8570, -80.7815, -36.7086
Hunter-Lab	86.8617, -53.4143, 51.6066

Details

The Hex color **9BFA21** is a dark color, and the websafe version is hex **99FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **8021FA**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **D8FF67**, and **5EC100** is the 20% darker color. If you saturate the color by 10%, you get **90FA08**, and if you desaturate by 10%, it is **A6FA3A**.

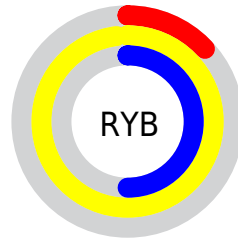
Distribution



Red (61%)

Green (98%)

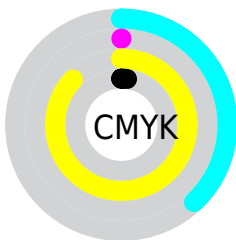
Blue (13%)



Red (13%)

Yellow (98%)

Blue (50%)

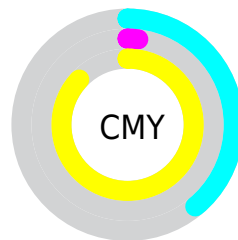


Cyan (38%)

Magenta (0%)

Yellow (87%)

Black (2%)



Cyan (39%)

Magenta (2%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BFA21 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 9BFA21 by changing the saturation by 10% instead.

 9BFA21

 9BFA21

FFFFFF

 7DDD00

 D8FF67

 5EC100

 F6FF85

 3CA500

 FFFFA3

 0D8A00

 FFFF00

 007000

 FFFFDE

 005600

 FFFF00

 003E00

 002700

 000000

 9BFA21

 9BFA21

 90FA08

 A6FA3A

 8DFA00

 B1FA53

 BCFA6C

 C7FA85

 D2FA9E

 DDFAB7

 E8FAD0

 F3FAE9

 FEFAFF

Harmonies

Analogous

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



FFE200



9BFA21



00FF8A

Triad

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



9BFA21



00FFFF



FF77D6

Complementary

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



9BFA21



8021FA

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.



FF91FF



9BFA21



00E8FF

Square

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



9BFA21



00FFFF



F3C0FF



FF9179

Rectangle

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



9BFA21



00FFCD



F3C0FF



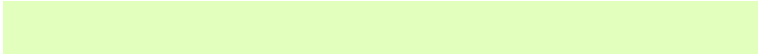
FF7AF7

Sweetspot

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



9BFA21



E2FFBD



FA7F21



6E8058



000000



808080

Same Dimension

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



9BFA21



8FFF00



2FFA21



777D70



6ABD00



223D00

Inverse Universe

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



8021FA



7000FF



EC21FA



76707D



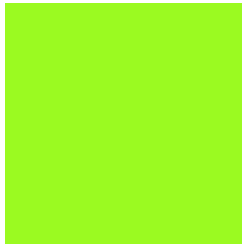
5300BD



1B003D

Previews

White Background



This preview shows how the Hex color 9BFA21 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 9BFA21 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 9BFA21 Background



This preview shows how black text looks on a background with the Hex color 9BFA21.

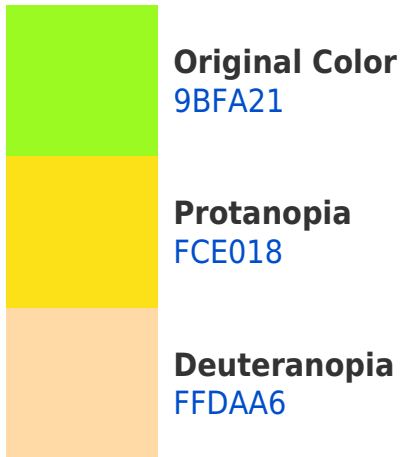


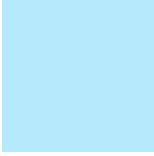
This preview shows how white text looks on a background with the Hex color 9BFA21.

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](#).

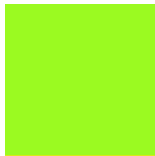
Dichromacy





Tritanopia
B6E9FB

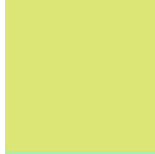
Trichromacy



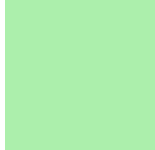
Original Color
9BFA21



Protanomaly
D9E91B



Deuteranomaly
DBE676

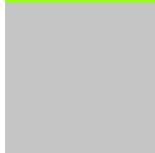


Tritanomaly
ACEFAC

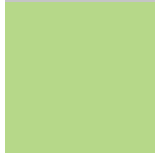
Monochromacy



Original Color
9BFA21



Achromatopsia
C5C5C5



Achromatomaly
B6D889

CSS Examples

Text

The CSS property to change the color of the text to Hex 9BFA21 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 #9BFA21 looks like.

```
.text, #text, p{  
    color:#9BFA21  
}
```

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 #9BFA21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BFA21
}
```

Border

The CSS property to change the border of an element to Hex 9BFA21 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
#9BFA21 }
```

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

```
.border{ border-color:#9BFA21 }
```

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

Here you see how a box with a 4 pixel #9BFA21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BFA21; -webkit-box-shadow:4px 4px  
4px 4px #9BFA21; box-shadow:4px 4px 4px  
4px #9BFA21 }
```

Background

The CSS property to change the background color of an element to Hex 9BFA21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BFA21 }
```

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

```
.background{ background-color:#9BFA21 }
```

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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