

Converting Colors

Hex(9DFF21)

Have a look what the booklet for
Hex(9DFF21) contains.

Hex(9DFF21)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9DFF21)

Conversions

Conversions Part 1

Format	Color
Hex	9DFF21
RGB	157, 255, 33
RGB Percent	62%, 100%, 13%
CMY	0.3843, 0.0000, 0.8706
CMYK	0.38, 0.00, 0.87, 0.00
HSL	86°, 100%, 56%
HSV	86°, 87%, 100%
XYZ	49.9391, 78.7979, 14.0163
YIQ	200.3900, 12.8540, -89.8180

Conversions

Conversions Part 2

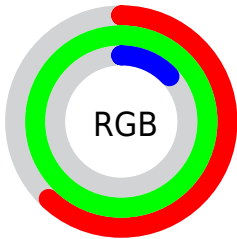
Format	Color
RYB	33, 255, 131
Decimal	10354465
CIELab	91.14, -58.36, 83.74
CIElCh	91, 102.073, 124.871
Yxy	78.7979, 0.3498, 0.5520
Android (android.graphics.Color)	4288544545 (0xFF9DFF21)
YUV	200.3900, -82.5233, -38.0530
Hunter-Lab	88.7682, -54.9239, 52.7760

Details

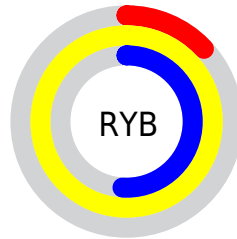
The Hex color **9DFF21** is a dark color, and the websafe version is hex **99FF00**. The color can be described as middle washed chartreuse. A complement of this color would be **8321FF**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **DAFF68**, and **5FC600** is the 20% darker color. If you saturate the color by 10%, you get **92FF08**, and if you desaturate by 10%, it is **A8FF3A**.

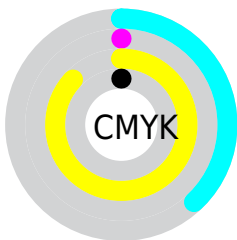
Distribution



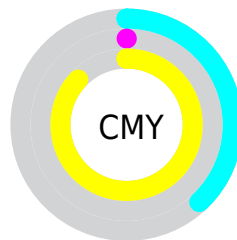
- Red (62%)
- Green (100%)
- Blue (13%)



- Red (13%)
- Yellow (100%)
- Blue (51%)



- Cyan (38%)
- Magenta (0%)
- Yellow (87%)
- Black (0%)



- Cyan (38%)
- Magenta (0%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DFF21 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 9DFF21 by changing the saturation by 10% instead.

 9DFF21

 9DFF21

FFFFFF

 7FE200

 DAFF68

 5FC600

 F9FF86

 3EAA00

 FFFFA4

 0E8F00

 FFFFC2

 007400

 FFFFEO

 005B00

FFFFFFE

 004200

 002B00

 000800

 9DFF21

 9DFF21

 92FF08

 A8FF3A

 8EFF00

 B4FF54

 BFFF6D

 CAFF87

 D5FFA1

 E1FFBA

 ECFFD3

 F7FFED

FFFFFF

Harmonies

Analogous

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



FFE700



9DFF21



00FF8D

Triad

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



9DFF21



00FFFF



FF79DA

Complementary

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



9DFF21



8321FF

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.



FF93FF



9DFF21



00EDFF

Square

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



9DFF21



00FFFF



F9C4FF



FF937B

Rectangle

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



9DFF21



00FFD1



F9C4FF



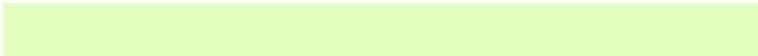
FF7CFB

Sweetspot

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



9DFF21



E2FFBD



FF8121



6E8058



000000



808080

Same Dimension

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



9DFF21



8EFF00



30FF21



7A8073



6BBF00



244000

Inverse Universe

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



8321FF



7100FF



F021FF



787380



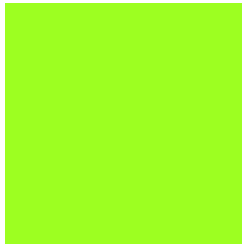
5400BF



1C0040

Previews

White Background



This preview shows how the Hex color 9DFF21 looks on a white background.

Color Contrast Check

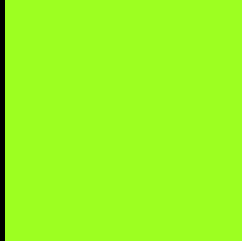
Large Text (above 18pt) WCAG AA × Fail

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 9DFF21 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 9DFF21 Background



This preview shows how black text looks on a background with the Hex color 9DFF21.

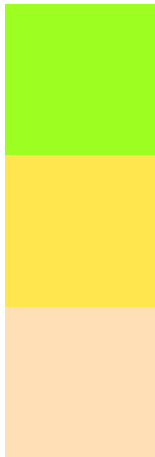


This preview shows how white text looks on a background with the Hex color 9DFF21.

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](#).

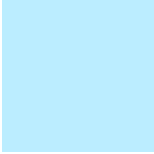
Dichromacy



Original Color
9DFF21

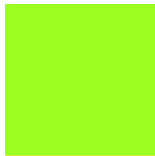
Protanopia
FFE54E

Deuteranopia
FFDFB5

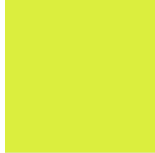


Tritanopia
BBEDFF

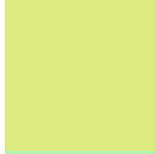
Trichromacy



Original Color
9DFF21



Protanomaly
DBEE3E

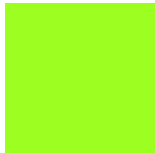


Deuteranomaly
DBEB7F

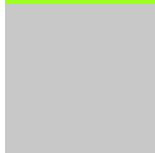


Tritanomaly
B0F4AE

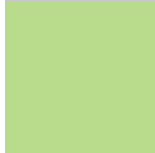
Monochromacy



Original Color
9DFF21



Achromatopsia
C8C8C8



Achromatomaly
B8DC8B

CSS Examples

Text

The CSS property to change the color of the text to Hex 9DFF21 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 #9DFF21 looks like.

```
.text, #text, p{  
    color:#9DFF21  
}
```

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 #9DFF21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DFF21
}
```

Border

The CSS property to change the border of an element to Hex 9DFF21 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
#9DFF21 }
```

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

```
.border{ border-color:#9DFF21 }
```

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

Here you see how a box with a 4 pixel #9DFF21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DFF21; -webkit-box-shadow:4px 4px  
4px 4px #9DFF21; box-shadow:4px 4px 4px  
4px #9DFF21 }
```

Background

The CSS property to change the background color of an element to Hex 9DFF21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DFF21 }
```

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

```
.background{ background-color:#9DFF21 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor