

Converting Colors

Hex(8FF52A)

Have a look what the booklet for
Hex(8FF52A) contains.

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Color

Hex(8FF52A)

Conversions

Conversions Part 1

Format	Color
Hex	8FF52A
RGB	143, 245, 42
RGB Percent	56%, 96%, 16%
CMY	0.4392, 0.0392, 0.8353
CMYK	0.42, 0.00, 0.83, 0.04
HSL	90°, 91%, 56%
HSV	90°, 83%, 96%
XYZ	44.3980, 71.3116, 13.6150
YIQ	191.3600, 4.3710, -84.7570

Conversions

Conversions Part 2

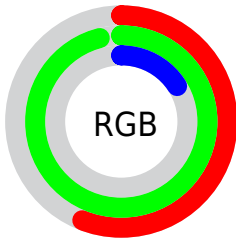
Format	Color
R_{YB}	42, 245, 144
Decimal	9434410
CIE _{Lab}	87.64, -58.76, 78.67
CIE _{LCh}	88, 98.191, 126.754
Yxy	71.3116, 0.3433, 0.5514
Android (android.graphics.Color)	4287624490 (0xFF8FF52A)
YUV	191.3600, -73.6345, -42.4117
Hunter-Lab	84.4462, -53.9336, 49.5532

Details

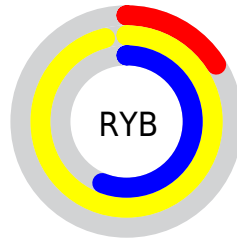
The Hex color **8FF52A** is a dark color, and the websafe version is hex **99FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **902AF5**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **CBFF6B**, and **51BC00** is the 20% darker color. If you saturate the color by 10%, you get **83F511**, and if you desaturate by 10%, it is **9BF542**.

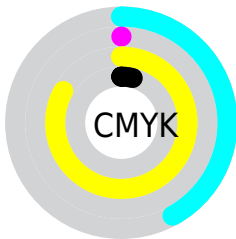
Distribution



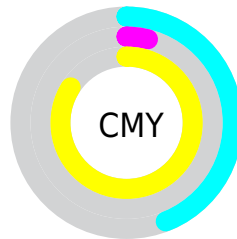
- Red (56%)
- Green (96%)
- Blue (16%)



- Red (16%)
- Yellow (96%)
- Blue (56%)



- Cyan (42%)
- Magenta (0%)
- Yellow (83%)
- Black (4%)



- Cyan (44%)
- Magenta (4%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8FF52A 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 8FF52A by changing the saturation by 10% instead.

 8FF52A

 8FF52A

FFFFFF

 70D800

 CBFF6B

 51BC00

 EAFF89

 2CA000

 FFFFA6

 008500

 FFFFC3

 006B00

 FFFFE1

 005200

 003A00

 002200

 000000

 8FF52A

 8FF52A

 83F511

 9BF542

 7AF500

 A8F55B

 B4F574

 C0F58C

 CDF5A4

 D9F5BD

 E5F5D6

 F1F5EE

 FEF5FF

Harmonies

Analogous

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



F3DE00



8FF52A



00FF8D

Triad

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



8FF52A



00F9FF



FF75CB

Complementary

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



8FF52A



902AF5

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.



FF8AFF



8FF52A



00E0FF

Square

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



8FF52A



00FFFF



F7B9FF



FF9071

Rectangle

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



8FF52A



00FFCE



F7B9FF



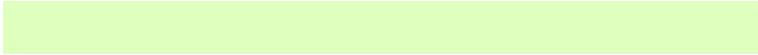
FF76EA

Sweetspot

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



8FF52A



DFFFBF



F58F2A



6C8059



000000



808080

Same Dimension

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



8FF52A



80FF03



2AF52A



747A6E



5DBA00



1D3B00

Inverse Universe

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



902AF5



8103FF



F52AF5



746E7A



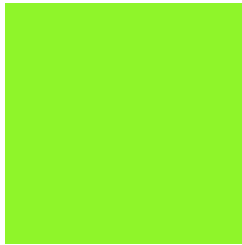
5E00BA



1D003B

Previews

White Background



This preview shows how the Hex color 8FF52A looks on a white background.

Color Contrast Check

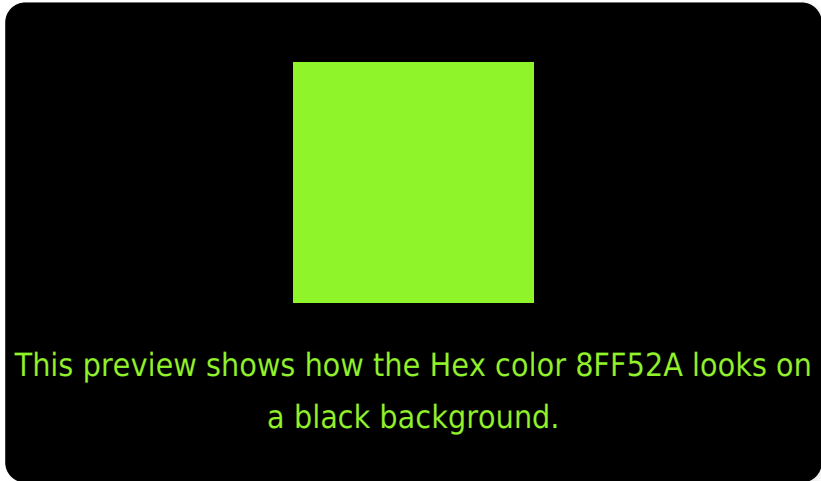
Large Text (above 18pt) WCAG AA × Fail

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 8FF52A Background



This preview shows how black text looks on a background with the Hex color 8FF52A.

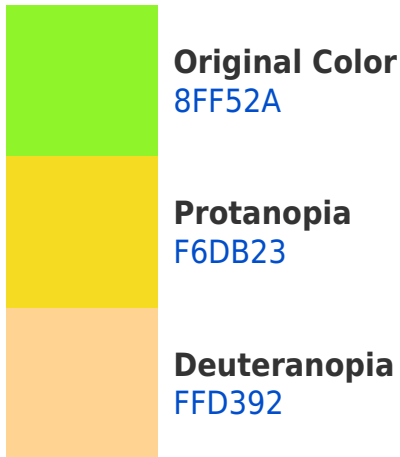


This preview shows how white text looks on a background with the Hex color 8FF52A.

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



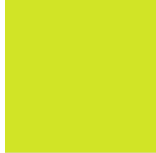


Tritanopia
ABE4F6

Trichromacy



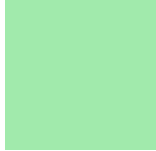
Original Color
8FF52A



Protanomaly
D1E426



Deuteranomaly
D6DF6C

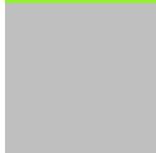


Tritanomaly
A1EAAC

Monochromacy



Original Color
8FF52A



Achromatopsia
BFBFBF



Achromatomaly
AED389

CSS Examples

Text

The CSS property to change the color of the text to Hex 8FF52A 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 #8FF52A looks like.

```
.text, #text, p{  
    color:#8FF52A  
}
```

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 #8FF52A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8FF52A
}
```

Border

The CSS property to change the border of an element to Hex 8FF52A 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
#8FF52A }
```

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

```
.border{ border-color:#8FF52A }
```

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

Here you see how a box with a 4 pixel #8FF52A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8FF52A; -webkit-box-shadow:4px 4px  
4px 4px #8FF52A; box-shadow:4px 4px 4px  
4px #8FF52A }
```

Background

The CSS property to change the background color of an element to Hex 8FF52A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8FF52A }
```

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

```
.background{ background-color:#8FF52A }
```

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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