

Converting Colors

Hex(94FF5D)

Have a look what the booklet for
Hex(94FF5D) contains.

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Color

Hex(94FF5D)

Conversions

Conversions Part 1

Format	Color
Hex	94FF5D
RGB	148, 255, 93
RGB Percent	58%, 100%, 36%
CMY	0.4196, 0.0000, 0.6353
CMYK	0.42, 0.00, 0.64, 0.00
HSL	100°, 100%, 68%
HSV	100°, 64%, 100%
XYZ	49.9485, 78.6062, 22.8959
YIQ	204.5390, -11.7700, -73.0660

Conversions

Conversions Part 2

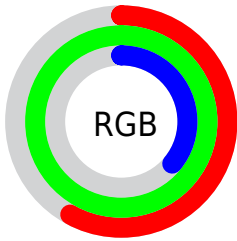
Format	Color
R _Y B	93, 255, 200
Decimal	9764701
CIE Lab	91.06, -57.96, 65.65
CIE LCh	91, 87.572, 131.440
Yxy	78.6062, 0.3298, 0.5190
Android (android.graphics.Color)	4287954781 (0xFF94FF5D)
YUV	204.5390, -54.9887, -49.5847
Hunter-Lab	88.6601, -54.5936, 46.7509

Details

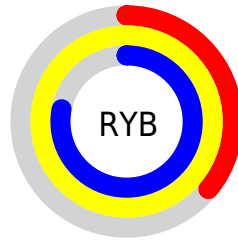
The Hex color **94FF5D** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **C85DFF**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **D0FF95**, and **57C51F** is the 20% darker color. If you saturate the color by 10%, you get **83FF43**, and if you desaturate by 10%, it is **A5FF77**.

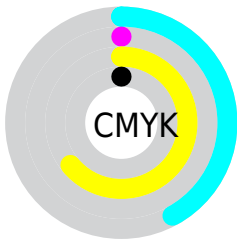
Distribution



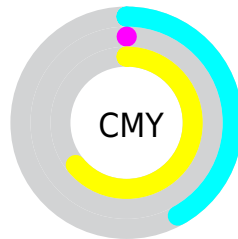
- Red (58%)
- Green (100%)
- Blue (36%)



- Red (36%)
- Yellow (100%)
- Blue (78%)



- Cyan (42%)
- Magenta (0%)
- Yellow (64%)
- Black (0%)



- Cyan (42%)
- Magenta (0%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 94FF5D 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 94FF5D by changing the saturation by 10% instead.

 94FF5D

 94FF5D

FFFFFF

 76E240

 D0FF95

 57C51F

 EEFFB2

 36AA00

 FFFFCE

 008E00

 FFFFEC

 007400

 005A00

 004100

 002B00

 000700

■ 94FF5D

■ 94FF5D

■ 83FF43

■ A5FF77

■ 72FF2A

■ B6FF90

■ 61FF10

■ C7FFAA

■ 57FF00

■ D7FFC3

■ E8FFDD

■ F9FFF6

FFFFFF

Harmonies

Analogous

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



F2EB21



94FF5D



00FFAD

Triad

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



94FF5D



00DFFF



FF93C9

Complementary

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



94FF5D



C85DFF

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.



FF9EFF



94FF5D



6EE4FF

Square

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



94FF5D



00FFFF



FFC1FF



FFAB7A

Rectangle

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



94FF5D



00FE7



FFC1FF



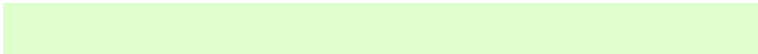
FF93E5

Sweetspot

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



94FF5D



DFFFCF



FFC65D



6C8062



000000



808080

Same Dimension

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



94FF5D



7FFF3D



5DFF75



778073



41BF00



164000

Inverse Universe

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



C85DFF



BD3DFF



FF5DE7



7B7380



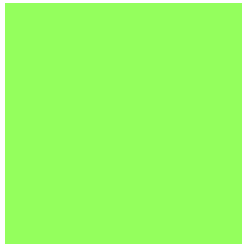
7E00BF



2A0040

Previews

White Background



This preview shows how the Hex color 94FF5D looks on a white background.

Color Contrast Check

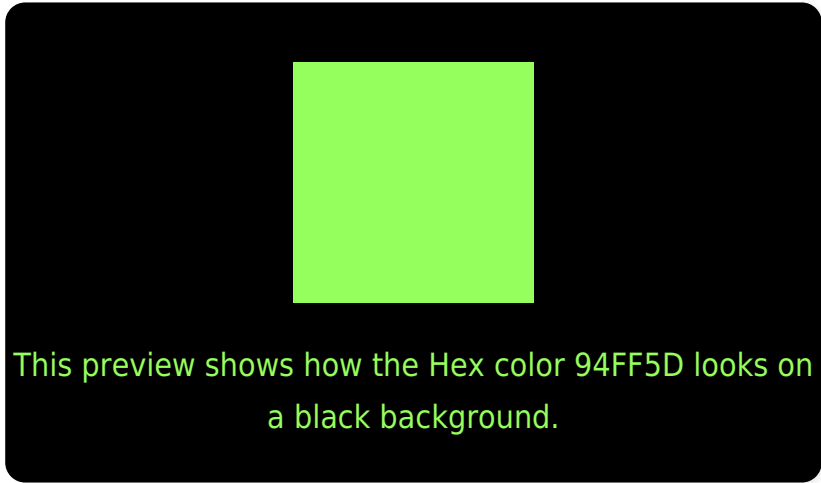
Large Text (above 18pt) WCAG AA × Fail

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

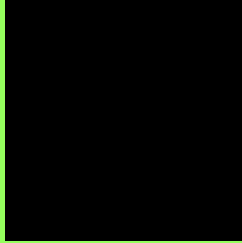
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

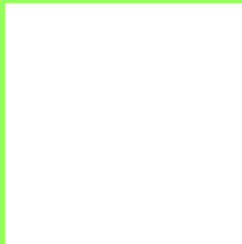
Any Text WCAG AAA ✓ Pass

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

Hex 94FF5D Background



This preview shows how black text looks on a background with the Hex color 94FF5D.

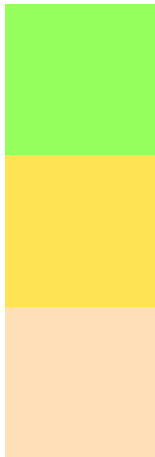


This preview shows how white text looks on a background with the Hex color 94FF5D.

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](#).

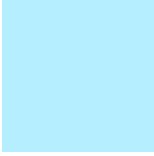
Dichromacy



Original Color
94FF5D

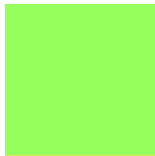
Protanopia
FEE455

Deuteranopia
FFDFB7



Tritanopia
B5EEFF

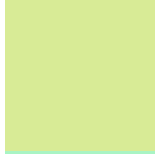
Trichromacy



Original Color
94FF5D



Protanomaly
D7EE58

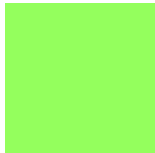


Deuteranomaly
D8EB96

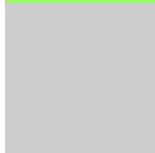


Tritanomaly
A9F4C4

Monochromacy



Original Color
94FF5D



Achromatopsia
CDCDCD



Achromatomaly
B8DFA4

CSS Examples

Text

The CSS property to change the color of the text to Hex 94FF5D 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 #94FF5D looks like.

```
.text, #text, p{  
    color:#94FF5D  
}
```

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 #94FF5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94FF5D
}
```

Border

The CSS property to change the border of an element to Hex 94FF5D 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
#94FF5D }
```

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

```
.border{ border-color:#94FF5D }
```

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

Here you see how a box with a 4 pixel #94FF5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94FF5D; -webkit-box-shadow:4px 4px  
4px 4px #94FF5D; box-shadow:4px 4px 4px  
4px #94FF5D }
```

Background

The CSS property to change the background color of an element to Hex 94FF5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94FF5D }
```

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

```
.background{ background-color:#94FF5D }
```

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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