

Converting Colors

Hex(95F771)

Have a look what the booklet for
Hex(95F771) contains.

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Color

Hex(95F771)

Conversions

Conversions Part 1

Format	Color
Hex	95F771
RGB	149, 247, 113
RGB Percent	58%, 97%, 44%
CMY	0.4157, 0.0314, 0.5569
CMYK	0.40, 0.00, 0.54, 0.03
HSL	104°, 89%, 71%
HSV	104°, 54%, 97%
XYZ	48.6358, 74.1033, 27.3628
YIQ	202.4220, -15.3940, -62.4500

Conversions

Conversions Part 2

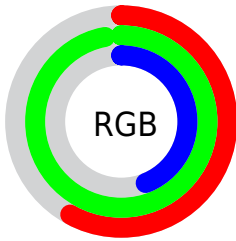
Format	Color
RYB	113, 247, 211
Decimal	9828209
CIELab	88.97, -52.54, 54.77
CIElCh	89, 75.899, 133.807
Yxy	74.1033, 0.3240, 0.4937
Android (android.graphics.Color)	4288018289 (0xFF95F771)
YUV	202.4220, -44.0850, -46.8511
Hunter-Lab	86.0833, -49.7958, 41.4122

Details

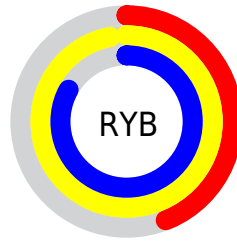
The Hex color **95F771** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **D371F7**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **CFFFA8**, and **5BBE3B** is the 20% darker color. If you saturate the color by 10%, you get **83F758**, and if you desaturate by 10%, it is **A7F78A**.

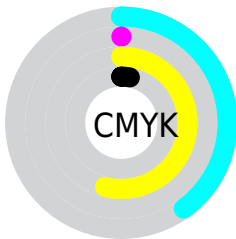
Distribution



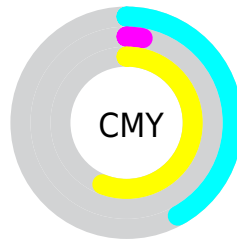
- Red (58%)
- Green (97%)
- Blue (44%)



- Red (44%)
- Yellow (97%)
- Blue (83%)



- Cyan (40%)
- Magenta (0%)
- Yellow (54%)
- Black (3%)



- Cyan (42%)
- Magenta (3%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 95F771 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 95F771 by changing the saturation by 10% instead.

 95F771

 95F771

FFFFFF

 78DA56

 CFFFA8

 5BBE3B

 EDFFC4

 3CA21E

 FFFFE1

 158700

FFFFFFE

 006D00

 005400

 003C00

 002500

 000000

 95F771

 95F771

 83F758

 A7F78A

 71F740

 B9F7A2

 5FF727

 CBF7BB

 4DF70E

 DDF7D4

 42F700

 EFF7ED

 FFF7FF

Harmonies

Analogous

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



E7E646



95F771



00FFB5

Triad

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



95F771



00F2FF



FF9EC1

Complementary

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



95F771



D371F7

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.



FFA3FF



95F771



97DCFF

Square

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



95F771



00FFFF



FFBEFF



FFB17E

Rectangle

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



95F771



00FFE7



FFBEFF



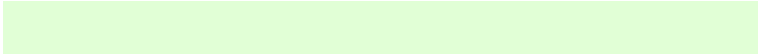
FF9DD9

Sweetspot

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



95F771



E1FFD6



F7D171



6E8067



000000



808080

Same Dimension

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



95F771



86FF59



71F78E



717A6E



32BA00



103B00

Inverse Universe

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



D371F7



D259FF



F771DA



776E7A



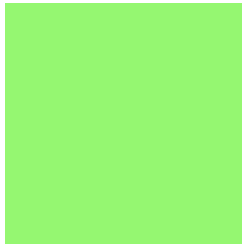
8800BA



2B003B

Previews

White Background



This preview shows how the Hex color 95F771 looks on a white background.

Color Contrast Check

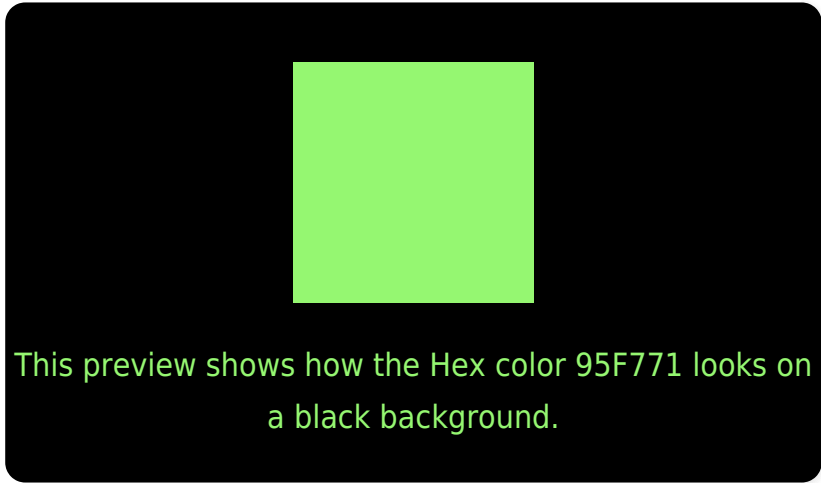
Large Text (above 18pt) WCAG AA × Fail

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 95F771 Background



This preview shows how black text looks on a background with the Hex color 95F771.

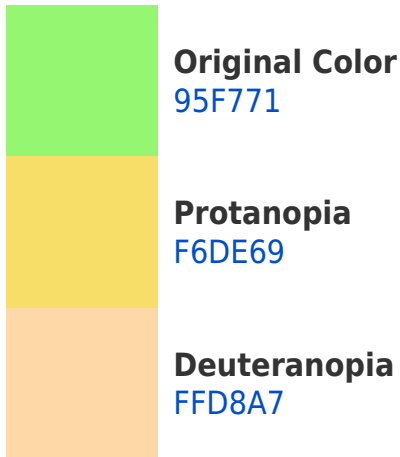


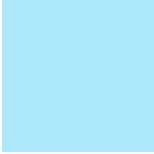
This preview shows how white text looks on a background with the Hex color 95F771.

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



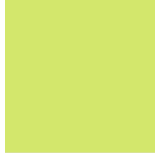


Tritanopia
ADE8FB

Trichromacy



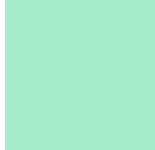
Original Color
95F771



Protanomaly
D3E76C



Deuteranomaly
D8E393

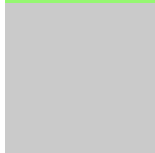


Tritanomaly
A4EDC9

Monochromacy



Original Color
95F771



Achromatopsia
CACACA



Achromatomaly
B7DAAA

CSS Examples

Text

The CSS property to change the color of the text to Hex 95F771 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 #95F771 looks like.

```
.text, #text, p{  
    color:#95F771  
}
```

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 #95F771 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95F771  
}
```

Border

The CSS property to change the border of an element to Hex 95F771 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  
#95F771 }
```

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

```
.border{ border-color:#95F771 }
```

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

Here you see how a box with a 4 pixel #95F771 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95F771; -webkit-box-shadow:4px 4px  
4px 4px #95F771; box-shadow:4px 4px 4px  
4px #95F771 }
```

Background

The CSS property to change the background color of an element to Hex 95F771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95F771 }
```

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

```
.background{ background-color:#95F771 }
```

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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