

Converting Colors

Hex(95FF66)

Have a look what the booklet for
Hex(95FF66) contains.

Hex(95FF66)	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(95FF66)

Conversions

Conversions Part 1

Format	Color
Hex	95FF66
RGB	149, 255, 102
RGB Percent	58%, 100%, 40%
CMY	0.4157, 0.0000, 0.6000
CMYK	0.42, 0.00, 0.60, 0.00
HSL	102°, 100%, 70%
HSV	102°, 60%, 100%
XYZ	50.5527, 78.8689, 25.1292
YIQ	205.8640, -14.0630, -70.0550

Conversions

Conversions Part 2

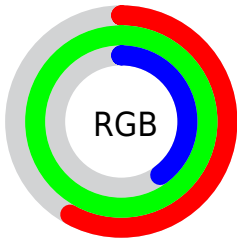
Format	Color
RYB	102, 255, 208
Decimal	9830246
CIELab	91.17, -56.85, 62.11
CIElCh	91, 84.198, 132.471
Yxy	78.8689, 0.3271, 0.5103
Android (android.graphics.Color)	4288020326 (0xFF95FF66)
YUV	205.8640, -51.2050, -49.8697
Hunter-Lab	88.8081, -53.8058, 45.3890

Details

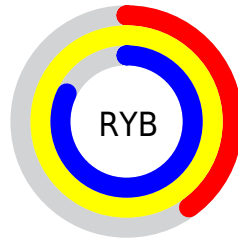
The Hex color **95FF66** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **D066FF**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **D0FF9E**, and **59C52D** is the 20% darker color. If you saturate the color by 10%, you get **83FF4D**, and if you desaturate by 10%, it is **A7FF80**.

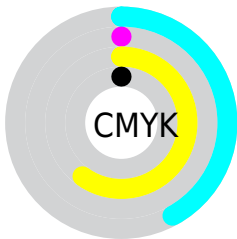
Distribution



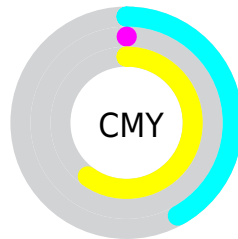
- Red (58%)
- Green (100%)
- Blue (40%)



- Red (40%)
- Yellow (100%)
- Blue (82%)



- Cyan (42%)
- Magenta (0%)
- Yellow (60%)
- Black (0%)



- Cyan (42%)
- Magenta (0%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 95FF66 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 95FF66 by changing the saturation by 10% instead.

 95FF66

 95FF66

FFFFFF

 77E24A

 D0FF9E

 59C52D

 EEFFBA

 38AA01

 FFFFD7

 058E00

 FFFFF4

 007400

 005A00

 004100

 002B00

 000800

 95FF66

 95FF66

 83FF4D

 A7FF80

 72FF33

 B8FF99

 60FF19

 CAFFB3

 4EFF00

 DCFFCC

 EDFFE6

FFFFFF

Harmonies

Analogous

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



F0EC32



95FF66



00FFB2

Triad

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



95FF66



00FCFF



FF99C7

Complementary

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



95FF66



D066FF

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.



FFA1FF



95FF66



82E3FF

Square

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



95FF66



00FFFF



FFC1FF



FFAF7C

Rectangle

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



95FF66



00FFEA



FFC1FF



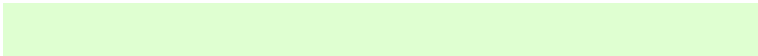
FF98E2

Sweetspot

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



95FF66



DFFFD1



FFCF66



6C8063



000000



808080

Same Dimension

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



95FF66



80FF47



66FF82



778073



3BBF00



144000

Inverse Universe

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



D066FF



C747FF



FF66E3



7C7380



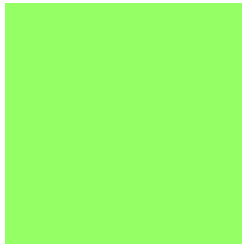
8400BF



2C0040

Previews

White Background



This preview shows how the Hex color 95FF66 looks on a white background.

Color Contrast Check

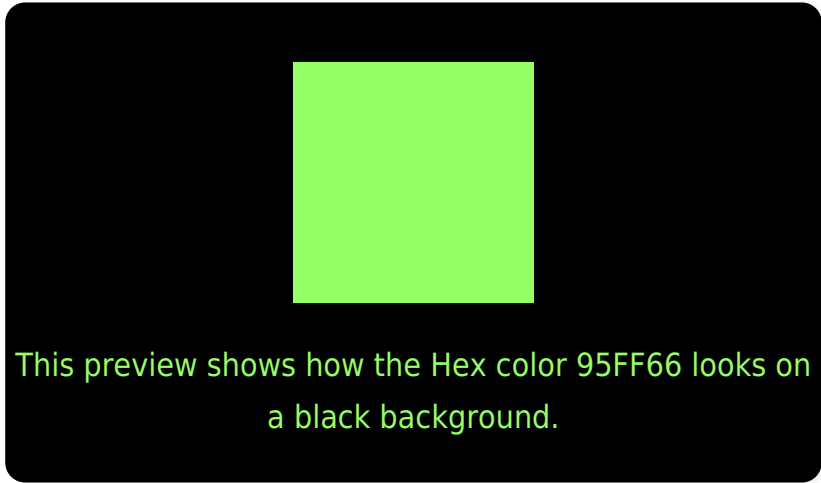
Large Text (above 18pt) WCAG AA × Fail

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

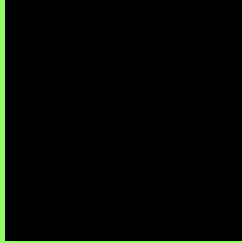
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

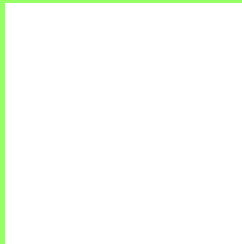
Any Text WCAG AAA ✓ Pass

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

Hex 95FF66 Background



This preview shows how black text looks on a background with the Hex color 95FF66.

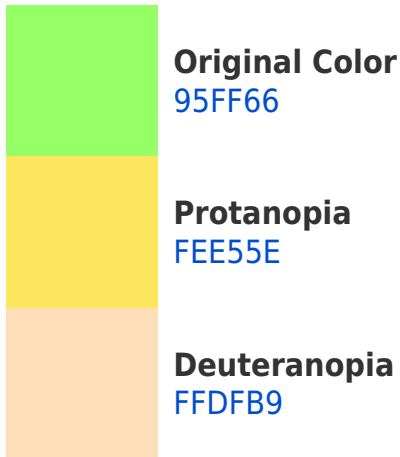


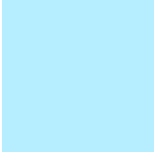
This preview shows how white text looks on a background with the Hex color 95FF66.

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](#).

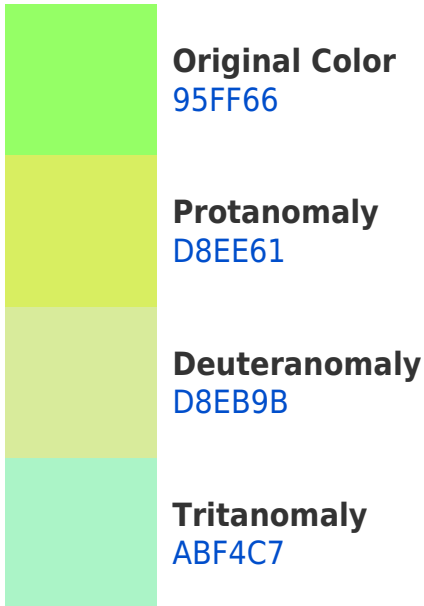
Dichromacy



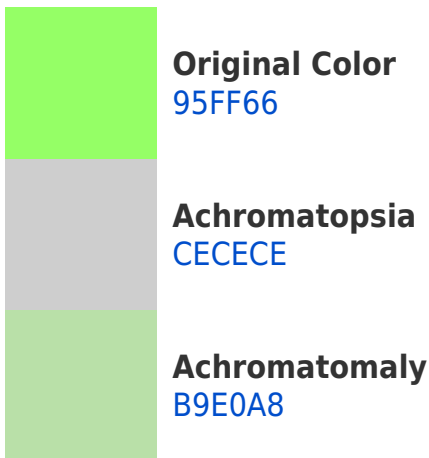


Tritanopia
B7EEFF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 95FF66 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 #95FF66 looks like.

```
.text, #text, p{  
    color:#95FF66  
}
```

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 #95FF66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95FF66
}
```

Border

The CSS property to change the border of an element to Hex 95FF66 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
#95FF66 }
```

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

```
.border{ border-color:#95FF66 }
```

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

Here you see how a box with a 4 pixel #95FF66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95FF66; -webkit-box-shadow:4px 4px  
4px 4px #95FF66; box-shadow:4px 4px 4px  
4px #95FF66 }
```

Background

The CSS property to change the background color of an element to Hex 95FF66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95FF66 }
```

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

```
.background{ background-color:#95FF66 }
```

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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