

Converting Colors

Hex(95FE58)

Have a look what the booklet for
Hex(95FE58) contains.

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Color

Hex(95FE58)

Conversions

Conversions Part 1

Format	Color
Hex	95FE58
RGB	149, 254, 88
RGB Percent	58%, 100%, 35%
CMY	0.4157, 0.0039, 0.6549
CMYK	0.41, 0.00, 0.65, 0.00
HSL	98°, 99%, 67%
HSV	98°, 65%, 100%
XYZ	49.5977, 77.9778, 21.6697
YIQ	203.6810, -9.2940, -73.8860

Conversions

Conversions Part 2

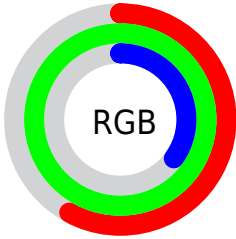
Format	Color
RYB	88, 254, 193
Decimal	9829976
CIELab	90.77, -57.67, 67.32
CIElCh	91, 88.644, 130.588
Yxy	77.9778, 0.3323, 0.5225
Android (android.graphics.Color)	4288020056 (0xFF95FE58)
YUV	203.6810, -57.0307, -47.9552
Hunter-Lab	88.3050, -54.2769, 47.2640

Details

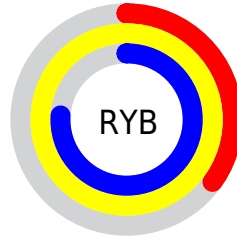
The Hex color **95FE58** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **C158FE**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **D1FF90**, and **59C416** is the 20% darker color. If you saturate the color by 10%, you get **85FE3F**, and if you desaturate by 10%, it is **A5FE71**.

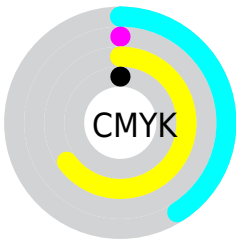
Distribution



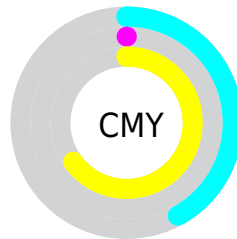
- Red (58%)
- Green (100%)
- Blue (35%)



- Red (35%)
- Yellow (100%)
- Blue (76%)



- Cyan (41%)
- Magenta (0%)
- Yellow (65%)
- Black (0%)



- Cyan (42%)
- Magenta (0%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 95FE58 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 95FE58 by changing the saturation by 10% instead.

 95FE58

 95FE58

FFFFFF

 77E13B

 D1FF90

 59C416

 EFFFAD

 37A900

 FFFFCA

 008E00

 FFFF7E

 007300

 005900

 004100

 002A00

 000500

 95FE58

 95FE58

 85FE3F

 A5FE71

 75FE25

 B5FE8B

 65FE0C

 C5FEA4

 5DFE00

 D5FEBE

 E5FED7

 F5FEF0

FFFEFF

Harmonies

Analogous

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



F3EA18



95FE58



00FFA9

Triad

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



95FE58



00DFFF



FF91CA

Complementary

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



95FE58



C158FE

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.



FF9CFF



95FE58



5FE4FF

Square

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



95FE58



00FFFF



FFC0FF



FFA87A

Rectangle

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



95FE58



00FFE4



FFC0FF



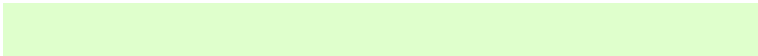
FF90E6

Sweetspot

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



95FE58



DFFFCC



FEBE58



6C8061



000000



808080

Same Dimension

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



95FE58



81FF38



58FE6B



778073



46BF00



174000

Inverse Universe

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



C158FE



B638FF



FE58EB



7B7380



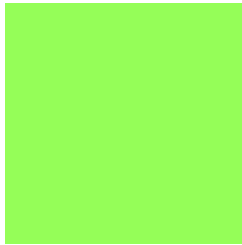
7900BF



280040

Previews

White Background



This preview shows how the Hex color 95FE58 looks on a white background.

Color Contrast Check

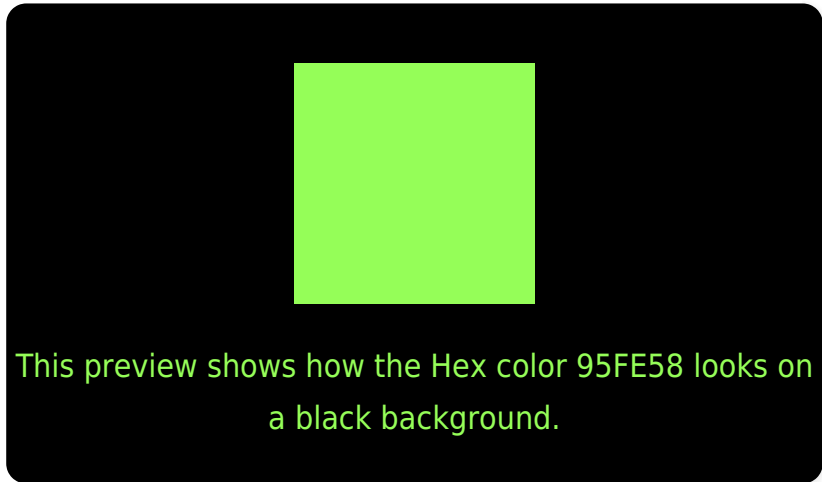
Large Text (above 18pt) WCAG AA × Fail

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

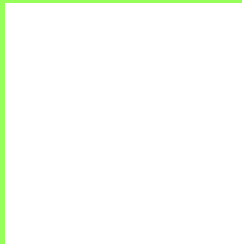
Any Text WCAG AAA ✓ Pass

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

Hex 95FE58 Background



This preview shows how black text looks on a background with the Hex color 95FE58.

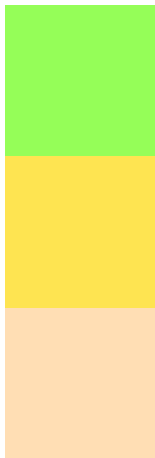


This preview shows how white text looks on a background with the Hex color 95FE58.

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](#).

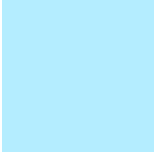
Dichromacy



Original Color
95FE58

Protanopia
FEE451

Deuteranopia
FFDEB4



Tritanopia
B4EDFF

Trichromacy



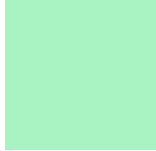
Original Color
95FE58



Protanomaly
D8ED54

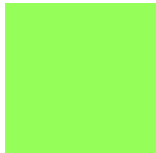


Deuteranomaly
D8EA93

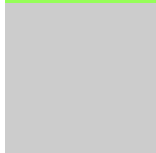


Tritanomaly
A9F3C2

Monochromacy



Original Color
95FE58



Achromatopsia
CCCCCC



Achromatomaly
B8DEA2

CSS Examples

Text

The CSS property to change the color of the text to Hex 95FE58 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 #95FE58 looks like.

```
.text, #text, p{  
    color:#95FE58  
}
```

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 #95FE58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95FE58
}
```

Border

The CSS property to change the border of an element to Hex 95FE58 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
#95FE58 }
```

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

```
.border{ border-color:#95FE58 }
```

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

Here you see how a box with a 4 pixel #95FE58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95FE58; -webkit-box-shadow:4px 4px  
4px 4px #95FE58; box-shadow:4px 4px 4px  
4px #95FE58 }
```

Background

The CSS property to change the background color of an element to Hex 95FE58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95FE58 }
```

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

```
.background{ background-color:#95FE58 }
```

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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