

Converting Colors

Hex(9FC95E)

Have a look what the booklet for
Hex(9FC95E) contains.

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Color

Hex(9FC95E)

Conversions

Conversions Part 1

Format	Color
Hex	9FC95E
RGB	159, 201, 94
RGB Percent	62%, 79%, 37%
CMY	0.3765, 0.2118, 0.6314
CMYK	0.21, 0.00, 0.53, 0.21
HSL	84°, 50%, 58%
HSV	84°, 53%, 79%
XYZ	37.2051, 49.9524, 18.2705
YIQ	176.2440, 9.3150, -42.1810

Conversions

Conversions Part 2

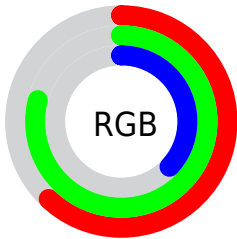
Format	Color
RYB	94, 201, 136
Decimal	10471774
CIELab	76.04, -30.97, 48.38
CIElCh	76, 57.440, 122.625
Yxy	49.9524, 0.3529, 0.4738
Android (android.graphics.Color)	4288661854 (0xFF9FC95E)
YUV	176.2440, -40.5463, -15.1230
Hunter-Lab	70.6770, -29.7205, 34.1470

Details

The Hex color **9FC95E** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **885EC9**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **D8FF93**, and **69932A** is the 20% darker color. If you saturate the color by 10%, you get **97C94A**, and if you desaturate by 10%, it is **A7C972**.

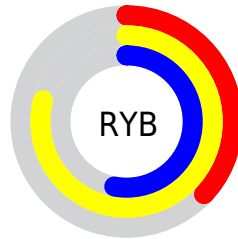
Distribution



Red (62%)

Green (79%)

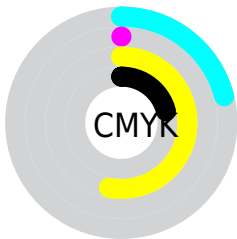
Blue (37%)



Red (37%)

Yellow (79%)

Blue (53%)

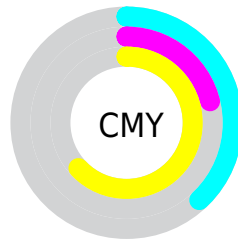


Cyan (21%)

Magenta (0%)

Yellow (53%)

Black (21%)



Cyan (38%)

Magenta (21%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9FC95E 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 9FC95E by changing the saturation by 10% instead.

 9FC95E

 9FC95E

FFFFFF

 84AE44

 D8FF93

 69932A

 F5FFAE

 4E790B

 FFFFCB

 346000

 FFFFE7

 1A4800

 003100

 001D00

 000000

 9FC95E

 9FC95E

 97C94A

 A7C972

 8FC936

 AFC986

 87C922

 B7C99A

 7FC90E

 BFC9AE

 7AC900

 C6C9C3

 CEC9D7

 D6C9EB

 DEC9FF

 E6C9FF

Harmonies

Analogous

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



D6BA4D



9FC95E



56D289

Triad

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



9FC95E



00CEFF



FF8EB9

Complementary

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



9FC95E



885EC9

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.



FF97ED



9FC95E



60C0FF

Square

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



9FC95E



00D5F3



C5ACFF



FF9585

Rectangle

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



9FC95E



00D5AC



C5ACFF



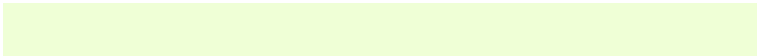
FF8FCB

Sweetspot

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



9FC95E



EFFFD6



C9875E



768067



000000



808080

Same Dimension

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



9FC95E



BFFF5C



6AC95E



60635A



63A300



162400

Inverse Universe

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



885EC9



9C5CFF



BD5EC9



5D5A63



4000A3



0E0024

Previews

White Background



This preview shows how the Hex color 9FC95E looks on a white background.

Color Contrast Check

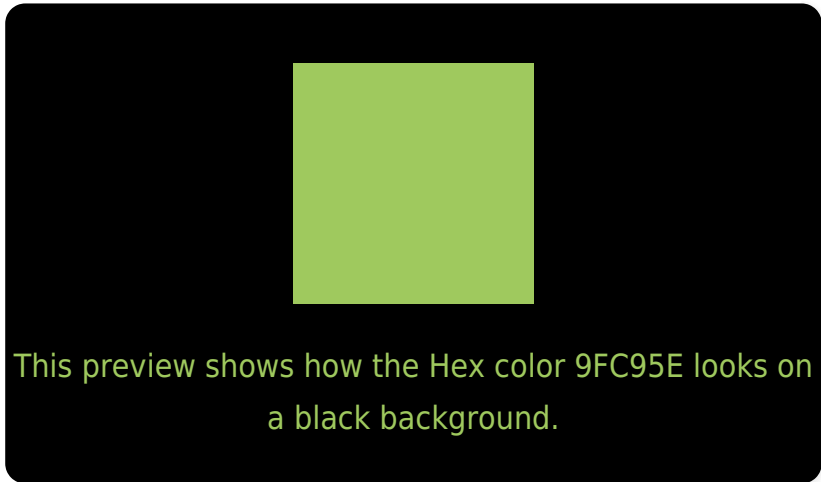
Large Text (above 18pt) WCAG AA × Fail

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 9FC95E Background



This preview shows how black text looks on a background with the Hex color 9FC95E.

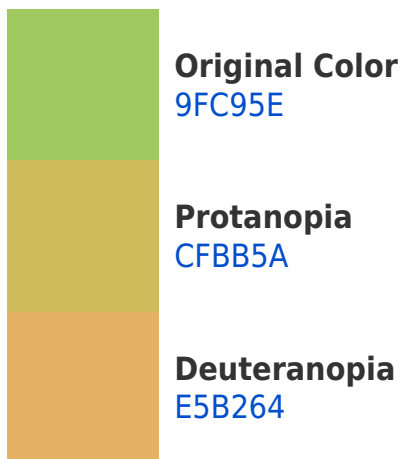


This preview shows how white text looks on a background with the Hex color 9FC95E.

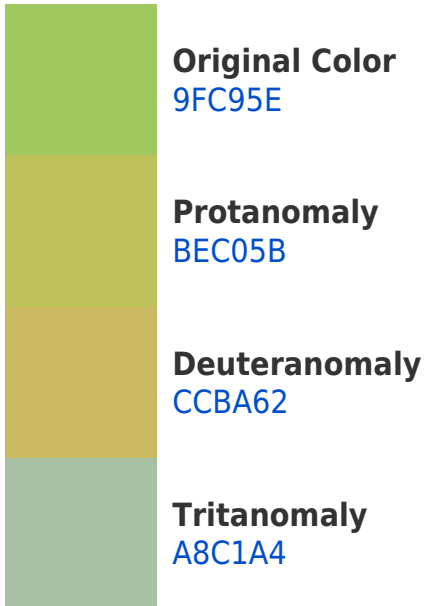
Color Blindness Simulation

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](#).

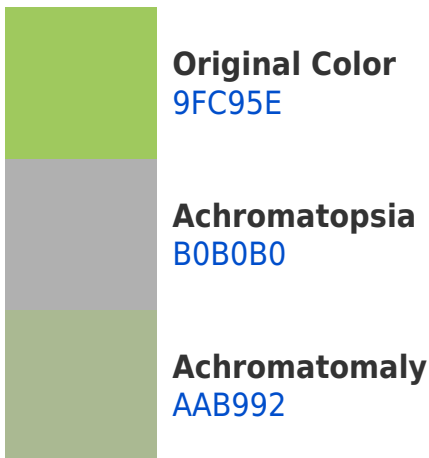
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9FC95E 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 #9FC95E looks like.

```
.text, #text, p{  
    color:#9FC95E  
}
```

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 #9FC95E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FC95E
}
```

Border

The CSS property to change the border of an element to Hex 9FC95E 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
#9FC95E }
```

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

```
.border{ border-color:#9FC95E }
```

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

Here you see how a box with a 4 pixel #9FC95E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FC95E; -webkit-box-shadow:4px 4px  
4px 4px #9FC95E; box-shadow:4px 4px 4px  
4px #9FC95E }
```

Background

The CSS property to change the background color of an element to Hex 9FC95E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FC95E }
```

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

```
.background{ background-color:#9FC95E }
```

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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