

Converting Colors

Hex(94F570)

Have a look what the booklet for
Hex(94F570) contains.

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Color

Hex(94F570)

Conversions

Conversions Part 1

Format	Color
Hex	94F570
RGB	148, 245, 112
RGB Percent	58%, 96%, 44%
CMY	0.4196, 0.0392, 0.5608
CMYK	0.40, 0.00, 0.54, 0.04
HSL	104°, 87%, 70%
HSV	104°, 54%, 96%
XYZ	47.7898, 72.7706, 26.8566
YIQ	200.8350, -15.1190, -61.9270

Conversions

Conversions Part 2

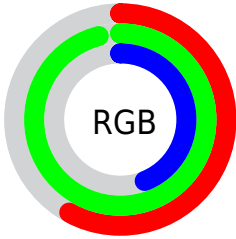
Format	Color
RYB	112, 245, 209
Decimal	9762160
CIELab	88.34, -52.14, 54.47
CIElCh	88, 75.402, 133.752
Yxy	72.7706, 0.3242, 0.4936
Android (android.graphics.Color)	4287952240 (0xFF94F570)
YUV	200.8350, -43.7957, -46.3363
Hunter-Lab	85.3057, -49.2860, 41.0478

Details

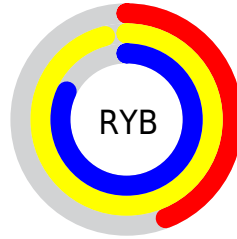
The Hex color **94F570** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **D170F5**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **CEFFA7**, and **5ABC3A** is the 20% darker color. If you saturate the color by 10%, you get **82F557**, and if you desaturate by 10%, it is **A6F589**.

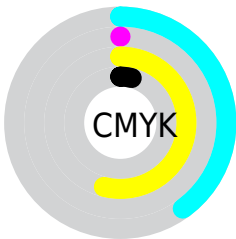
Distribution



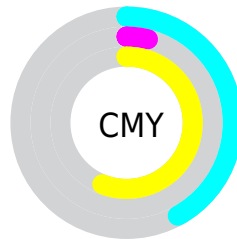
- Red (58%)
- Green (96%)
- Blue (44%)



- Red (44%)
- Yellow (96%)
- Blue (82%)



- Cyan (40%)
- Magenta (0%)
- Yellow (54%)
- Black (4%)



- Cyan (42%)
- Magenta (4%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 94F570 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 94F570 by changing the saturation by 10% instead.

 94F570

FFFFFF

 CEFFA7

 ECFFC3

 FFFFEO

FFFFFFD

 94F570

 77D855

 5ABC3A

 3BA01D

 148600

 006C00

 005200

 003A00

 002400

 000000

 94F570

 94F570

 82F557

 A6F589

 70F53F

 B8F5A1

 5EF526

 CAF5BA

 4DF50E

 DBF5D2

 42F500

 EDF5EB

 FFF5FF

Harmonies

Analogous

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



E5E445



94F570



00FEB3

Triad

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



94F570



00F1FF



FF9DBF

Complementary

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



94F570



D170F5

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.



FFA2FF



94F570



95DAFF

Square

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



94F570



00DFF



FFBDF



FFB07D

Rectangle

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



94F570



00FFE5



FFBDF5



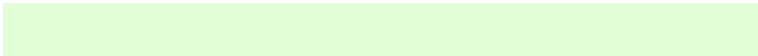
FF9BD8

Sweetspot

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



94F570



E1FFD6



F5CF70



6E8067



000000



808080

Same Dimension

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



94F570



86FF59



70F58D



717A6E



32BA00



103B00

Inverse Universe

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



D170F5



D259FF



F570D8



776E7A



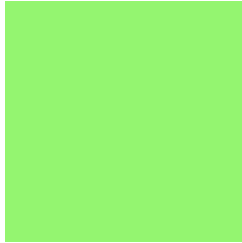
8800BA



2B003B

Previews

White Background



This preview shows how the Hex color 94F570 looks on a white background.

Color Contrast Check

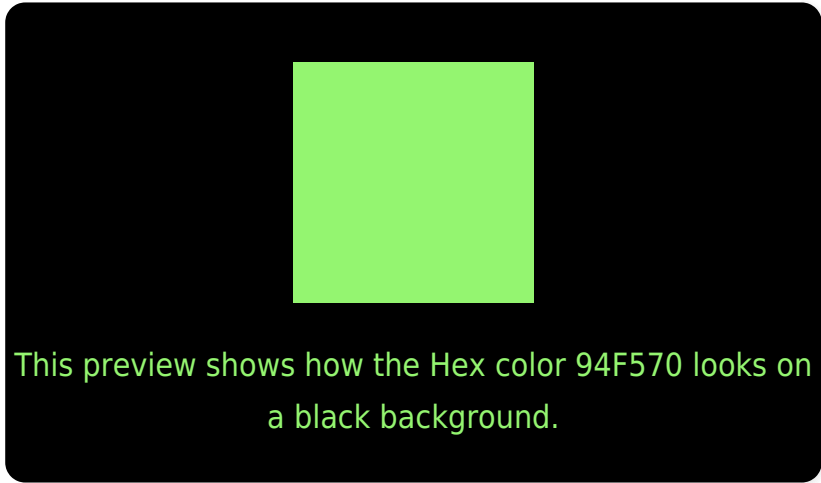
Large Text (above 18pt) WCAG AA × Fail

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

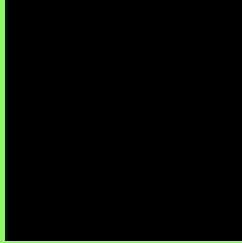
Any Text WCAG AA ✓ Pass

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 94F570 Background



This preview shows how black text looks on a background with the Hex color 94F570.

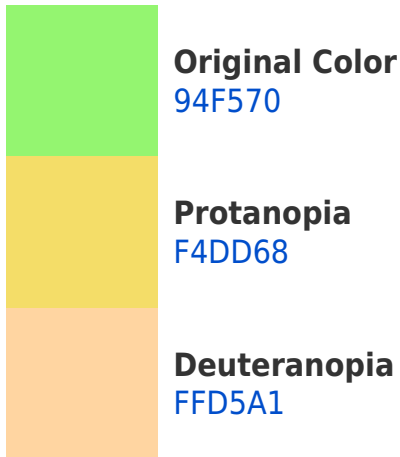


This preview shows how white text looks on a background with the Hex color 94F570.

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](#).

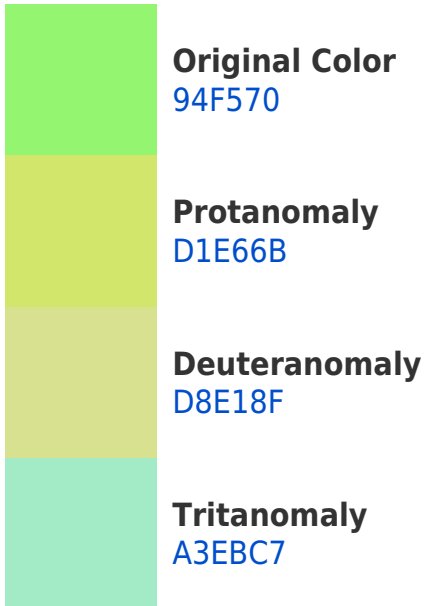
Dichromacy



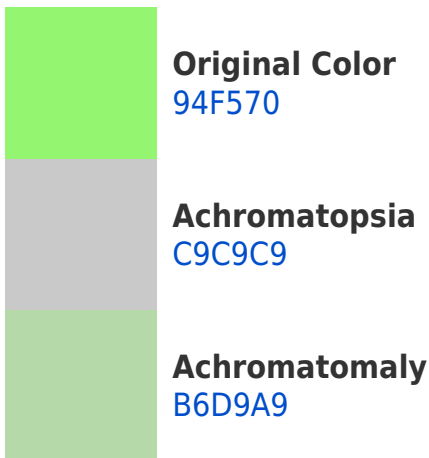


Tritanopia
ACE6F9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 94F570 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 #94F570 looks like.

```
.text, #text, p{  
    color:#94F570  
}
```

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 #94F570 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94F570
}
```

Border

The CSS property to change the border of an element to Hex 94F570 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
#94F570 }
```

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

```
.border{ border-color:#94F570 }
```

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

Here you see how a box with a 4 pixel #94F570 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94F570; -webkit-box-shadow:4px 4px  
4px 4px #94F570; box-shadow:4px 4px 4px  
4px #94F570 }
```

Background

The CSS property to change the background color of an element to Hex 94F570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94F570 }
```

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

```
.background{ background-color:#94F570 }
```

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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