

# Converting Colors

Hex(95F699)

Have a look what the booklet for  
Hex(95F699) contains.

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**Color**

**Hex(95F699)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	95F699
RGB	149, 246, 153
RGB Percent	58%, 96%, 60%
CMY	0.4157, 0.0353, 0.4000
CMYK	0.39, 0.00, 0.38, 0.04
HSL	122°, 84%, 77%
HSV	122°, 39%, 96%
XYZ	51.1000, 74.6010, 41.8432
YIQ	206.3950, -27.9590, -49.4870

# Conversions

## Conversions Part 2

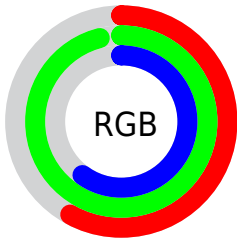
<b>Format</b>	<b>Color</b>
<b>RYB</b>	149, 242, 246
Decimal	9827993
CIELab	89.21, -46.91, 35.98
CIElCh	89, 59.119, 142.508
Yxy	74.6010, 0.3050, 0.4453
Android (android.graphics.Color)	4288018073 (0xFF95F699)
YUV	206.3950, -26.3237, -50.3354
Hunter-Lab	86.3719, -45.5453, 31.7370

# Details

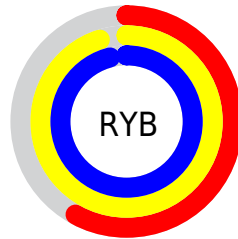
The Hex color **95F699** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **F695F2**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **CEFFD0**, and **5DBD65** is the 20% darker color. If you saturate the color by 10%, you get **7CF681**, and if you desaturate by 10%, it is **AEF6B1**.

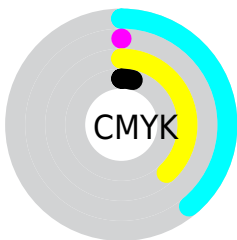
# Distribution



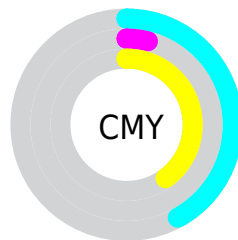
- Red (58%)
- Green (96%)
- Blue (60%)



- Red (58%)
- Yellow (95%)
- Blue (96%)



- Cyan (39%)
- Magenta (0%)
- Yellow (38%)
- Black (4%)



- Cyan (42%)
- Magenta (4%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 95F699 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 95F699 by changing the saturation by 10% instead.





95F699



95F699

FFFFFF



79D97E



CEFFD0



5DBD65



ECFFED



3FA14C



1E8733



006D1B



005400



003B00



002600



000000

 95F699

 95F699

 7CF681

 AEF6B1

 64F66A

 C6F6C8

 4BF652

 DFF6E0

 33F63B

 F7F6F7

 1AF623

 FFF6FF

 01F60B

 00F60A

# Harmonies

## Analogous

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



D8EA74



95F699



20FCD0

# Triad

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



95F699



58EAFF



FFB4B8

# Complementary

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



95F699



F695F2

# 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.



FFB3F1



95F699



CED7FF

# Square

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



95F699



00F7FF



FFC1FF



FFC488

# Rectangle

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



95F699



00DF7



FFC1FF



FFB1CA

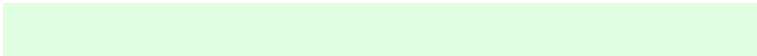


# Sweetspot

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



95F699



E0FFE2



F3F695



6E806E



000000



808080



# Same Dimension

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



95F699



87FF8C



95F6C9



6E7A6F



00BA08



003B02



# Inverse Universe

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



F695F2



FF87FA



F695C2



7A6E7A



BA00B2

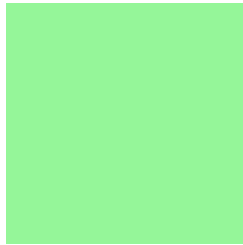


3B0038



# Previews

## White Background



This preview shows how the Hex color 95F699 looks on a white background.

## Color Contrast Check

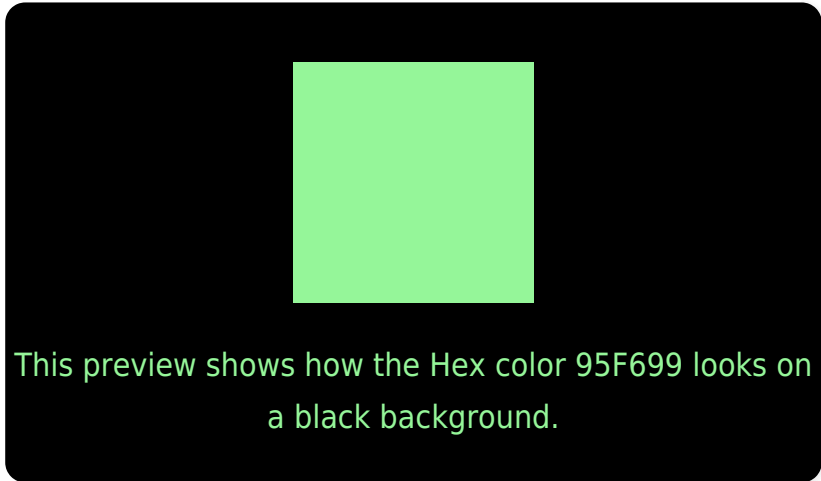
Large Text (above 18pt) WCAG AA × Fail

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

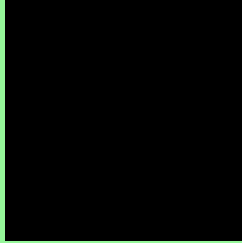
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 95F699 Background



This preview shows how black text looks on a background with the Hex color 95F699.

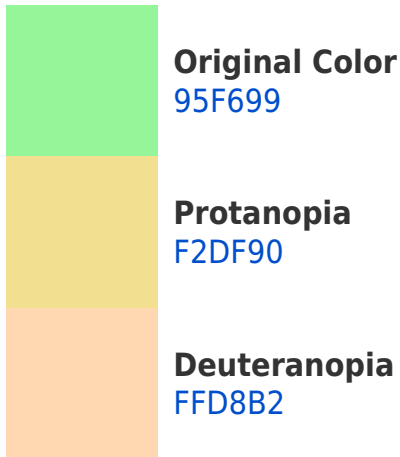


This preview shows how white text looks on a background with the Hex color 95F699.

# 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



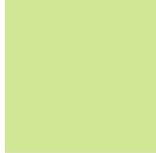


**Tritanopia**  
A9EAFD

# Trichromacy



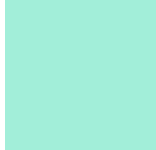
**Original Color**  
95F699



**Protanomaly**  
D0E793

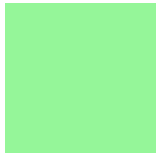


**Deuteranomaly**  
D8E3A9

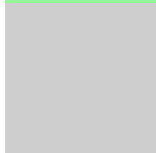


**Tritanomaly**  
A2EED9

# Monochromacy



**Original Color**  
95F699



**Achromatopsia**  
CECECE



**Achromatomaly**  
B9DDBB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 95F699 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 #95F699 looks like.

```
.text, #text, p{  
    color:#95F699  
}
```

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 #95F699 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95F699
}
```

## Border

The CSS property to change the border of an element to Hex 95F699 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
#95F699 }
```

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

```
.border{ border-color:#95F699 }
```

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

Here you see how a box with a 4 pixel #95F699 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95F699; -webkit-box-shadow:4px 4px  
4px 4px #95F699; box-shadow:4px 4px 4px  
4px #95F699 }
```

# Background

The CSS property to change the background color of an element to Hex 95F699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95F699 }
```

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

```
.background{ background-color:#95F699 }
```

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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