

Converting Colors

Hex(99F399)

Have a look what the booklet for
Hex(99F399) contains.

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Color

Hex(99F399)

Conversions

Conversions Part 1

Format	Color
Hex	99F399
RGB	153, 243, 153
RGB Percent	60%, 95%, 60%
CMY	0.4000, 0.0471, 0.4000
CMYK	0.37, 0.00, 0.37, 0.05
HSL	120°, 79%, 78%
HSV	120°, 37%, 95%
XYZ	50.9372, 73.1734, 41.5762
YIQ	205.8300, -24.7500, -47.0700

Conversions

Conversions Part 2

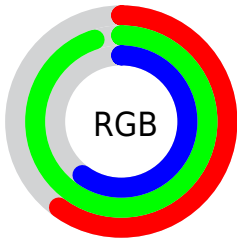
Format	Color
RYB	153, 243, 243
Decimal	10089369
CIELab	88.53, -44.43, 35.13
CIELCh	89, 56.638, 141.668
Yxy	73.1734, 0.3074, 0.4416
Android (android.graphics.Color)	4288279449 (0xFF99F399)
YUV	205.8300, -26.0452, -46.3319
Hunter-Lab	85.5414, -43.4064, 31.0620

Details

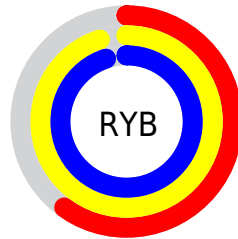
The Hex color **99F399** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **F399F3**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **D2FFD0**, and **61BA65** is the 20% darker color. If you saturate the color by 10%, you get **81F381**, and if you desaturate by 10%, it is **B1F3B1**.

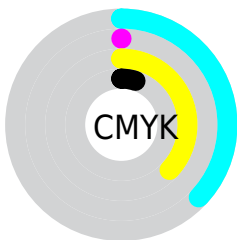
Distribution



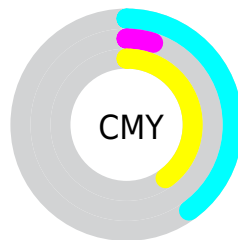
- Red (60%)
- Green (95%)
- Blue (60%)



- Red (60%)
- Yellow (95%)
- Blue (95%)



- Cyan (37%)
- Magenta (0%)
- Yellow (37%)
- Black (5%)



- Cyan (40%)
- Magenta (5%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99F399 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 99F399 by changing the saturation by 10% instead.

 99F399

 99F399

FFFFFF

 7DD67F

 D2FFD0

 61BA65

 F0FFED

 459F4C

 278434

 006A1B

 005101

 003900

 002400

 000000

 99F399

 99F399

 81F381

 B1F3B1

 68F368

 CAF3CA

 50F350

 E2F3E2

 38F338

 FAF3FA

 1FF31F

 FFF3FF

 07F307

 00F300

Harmonies

Analogous

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



D8E777



99F399



3AF9CD

Triad

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



99F399



5EE8FF



FFB4B9

Complementary

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



99F399



F399F3

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.



FFB3F0



99F399



CCD6FF

Square

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



99F399



00F4FF



FFC1FF



FFC38B

Rectangle

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



99F399



00FAF2



FFC1FF



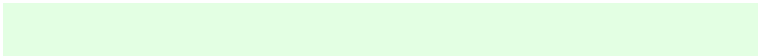
FFB2CB

Sweetspot

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



99F399



E3FFE3



F3F399



6F806F



000000



808080

Same Dimension

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



99F399



8FFF8F



99F3C6



6E7A6E



00BA00



003B00

Inverse Universe

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



F399F3



FF8FFF



F399C6



7A6E7A



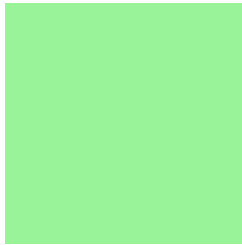
BA00BA



3B003B

Previews

White Background



This preview shows how the Hex color 99F399 looks on a white background.

Color Contrast Check

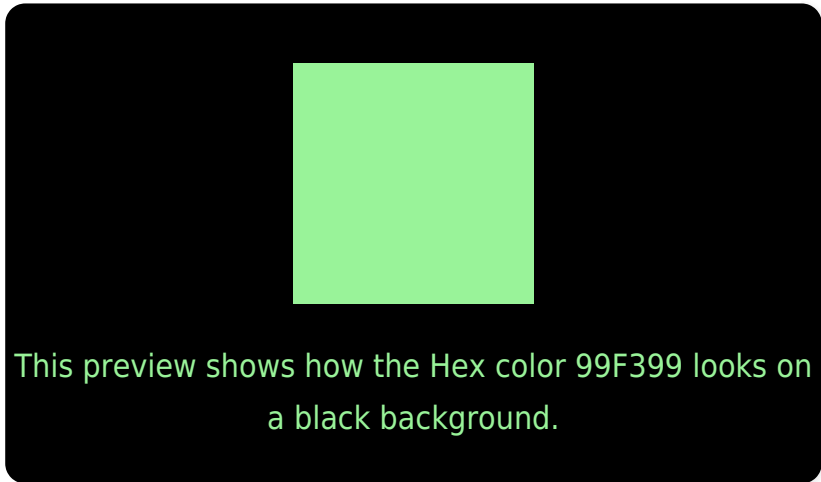
Large Text (above 18pt) WCAG AA × Fail

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

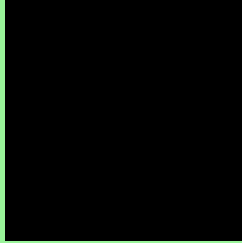
Any Text WCAG AA ✓ Pass

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 99F399 Background



This preview shows how black text looks on a background with the Hex color 99F399.

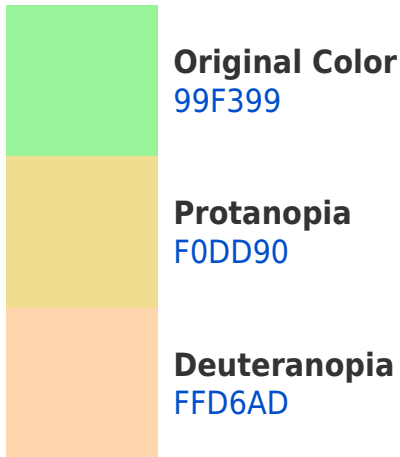


This preview shows how white text looks on a background with the Hex color 99F399.

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
ACE7FA

Trichromacy



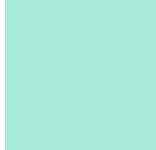
Original Color
99F399



Protanomaly
D0E593



Deuteranomaly
DAE1A6

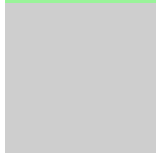


Tritanomaly
A5EBD7

Monochromacy



Original Color
99F399



Achromatopsia
CECECE



Achromatomaly
BBDBBB

CSS Examples

Text

The CSS property to change the color of the text to Hex 99F399 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 #99F399 looks like.

```
.text, #text, p{  
    color:#99F399  
}
```

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 #99F399 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99F399
}
```

Border

The CSS property to change the border of an element to Hex 99F399 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
#99F399 }
```

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

```
.border{ border-color:#99F399 }
```

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

Here you see how a box with a 4 pixel #99F399 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99F399; -webkit-box-shadow:4px 4px  
4px 4px #99F399; box-shadow:4px 4px 4px  
4px #99F399 }
```

Background

The CSS property to change the background color of an element to Hex 99F399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99F399 }
```

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

```
.background{ background-color:#99F399 }
```

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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