

Converting Colors

Hex(99D9F7)

Have a look what the booklet for
Hex(99D9F7) contains.

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Color

Hex(99D9F7)

Conversions

Conversions Part 1

Format	Color
Hex	99D9F7
RGB	153, 217, 247
RGB Percent	60%, 85%, 97%
CMY	0.4000, 0.1490, 0.0314
CMYK	0.38, 0.12, 0.00, 0.03
HSL	199°, 85%, 78%
HSV	199°, 38%, 97%
XYZ	54.7382, 63.1134, 97.2928
YIQ	201.2840, -47.7740, -4.2380

Conversions

Conversions Part 2

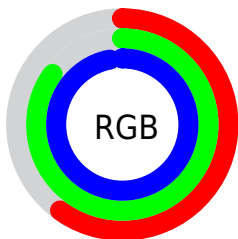
Format	Color
RYB	153, 191, 247
Decimal	10082807
CIELab	83.50, -12.89, -21.08
CIElCh	84, 24.711, 238.548
Yxy	63.1134, 0.2544, 0.2934
Android (android.graphics.Color)	4288272887 (0xFF99D9F7)
YUV	201.2840, 22.5380, -42.3451
Hunter-Lab	79.4440, -16.0374, -17.0000

Details

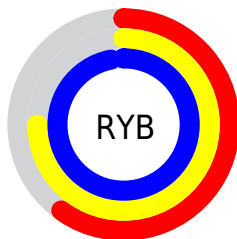
The Hex color **99D9F7** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F7B799**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **D2FFFF**, and **61A2BF** is the 20% darker color. If you saturate the color by 10%, you get **80D1F7**, and if you desaturate by 10%, it is **B2E1F7**.

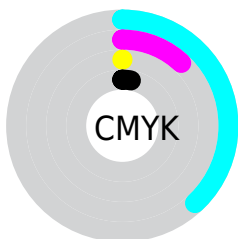
Distribution



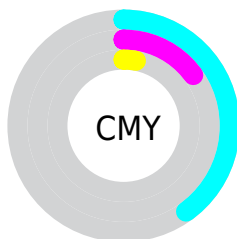
- Red (60%)
- Green (85%)
- Blue (97%)



- Red (60%)
- Yellow (75%)
- Blue (97%)



- Cyan (38%)
- Magenta (12%)
- Yellow (0%)
- Black (3%)



- Cyan (40%)
- Magenta (15%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99D9F7 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 99D9F7 by changing the saturation by 10% instead.

■ 99D9F7

■ 99D9F7

FFFFFF

■ 7DBDDA

■ D2FFFF

■ 61A2BF

■ EFFFFFF

■ 4588A3

■ 276E89

■ 005670

■ 003F57

■ 002940

■ 00152A

■ 000115

■ 99D9F7

■ 99D9F7

■ 80D1F7

■ B2E1F7

■ 68C9F7

■ CAE9F7

■ 4FC1F7

■ E3F1F7

■ 36B9F7

■ FCF9F7

■ 1DB2F7

■ FFFFF7

■ 05AAF7

■ 00A8F7

Harmonies

Analogous

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



8FDDE5



99D9F7



B3D2FE

Triad

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



99D9F7



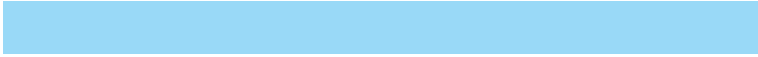
FDC0D2



CAD5A7

Complementary

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



99D9F7



F7B799

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.



E3CEA2



99D9F7



FFC1BB

Square

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



99D9F7



EDC3E9



F6C6A9



AFDDB7

Rectangle

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



99D9F7



C8CDFC



F6C6A9



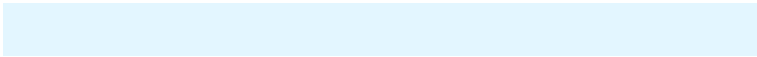
D3D3A4

Sweetspot

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



99D9F7



E3F6FF



99F7B7



6F7A80



000000



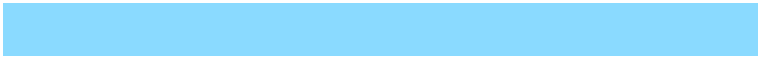
808080

Same Dimension

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



99D9F7



8ADAFF



99AAF7



6E767A



007FBA



00283B

Inverse Universe

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



F799D9



FF8ADA



F7E699



7A6E76



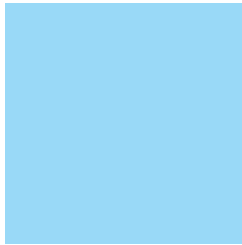
BA007F



3B0028

Previews

White Background



This preview shows how the Hex color 99D9F7 looks on a white background.

Color Contrast Check

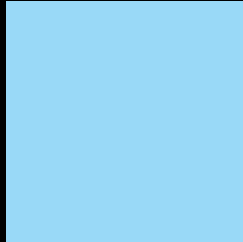
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 99D9F7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

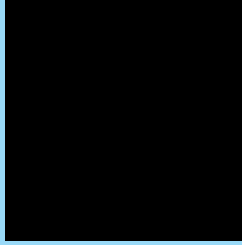
Any Text WCAG AA ✓ Pass

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 99D9F7 Background



This preview shows how black text looks on a background with the Hex color 99D9F7.

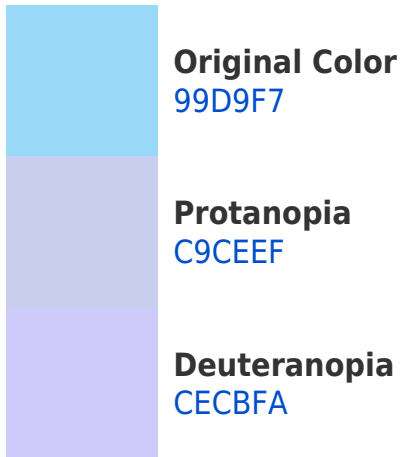


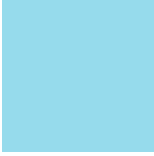
This preview shows how white text looks on a background with the Hex color 99D9F7.

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



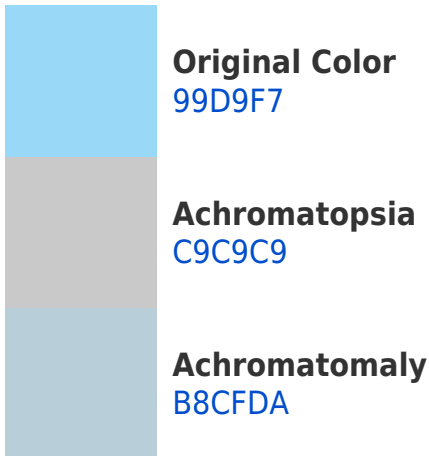


Tritanopia
96DBEC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 99D9F7 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 #99D9F7 looks like.

```
.text, #text, p{  
    color:#99D9F7  
}
```

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 #99D9F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99D9F7
}
```

Border

The CSS property to change the border of an element to Hex 99D9F7 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
#99D9F7 }
```

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

```
.border{ border-color:#99D9F7 }
```

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

Here you see how a box with a 4 pixel #99D9F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99D9F7; -webkit-box-shadow:4px 4px  
4px 4px #99D9F7; box-shadow:4px 4px 4px  
4px #99D9F7 }
```

Background

The CSS property to change the background color of an element to Hex 99D9F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99D9F7 }
```

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

```
.background{ background-color:#99D9F7 }
```

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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