

Converting Colors

Hex(99AFE4)

Have a look what the booklet for
Hex(99AFE4) contains.

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Color

Hex(99AFE4)

Conversions

Conversions Part 1

Format	Color
Hex	99AFE4
RGB	153, 175, 228
RGB Percent	60%, 69%, 89%
CMY	0.4000, 0.3137, 0.1059
CMYK	0.33, 0.23, 0.00, 0.11
HSL	222°, 58%, 75%
HSV	222°, 33%, 89%
XYZ	42.4704, 43.0337, 79.4667
YIQ	174.4640, -30.1250, 11.8190

Conversions

Conversions Part 2

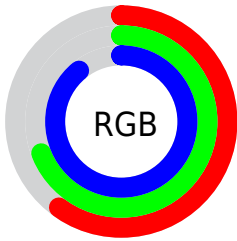
Format	Color
RYB	153, 170, 228
Decimal	10072036
CIELab	71.58, 4.76, -29.07
CIElCh	72, 29.460, 279.306
Yxy	43.0337, 0.2574, 0.2609
Android (android.graphics.Color)	4288262116 (0xFF99AFE4)
YUV	174.4640, 26.3932, -18.8239
Hunter-Lab	65.6001, 0.7634, -25.9027

Details

The Hex color **99AFE4** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E4CE99**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **D1E6FF**, and **637BAC** is the 20% darker color. If you saturate the color by 10%, you get **829FE4**, and if you desaturate by 10%, it is **B0BFE4**.

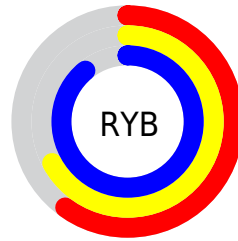
Distribution



Red (60%)

Green (69%)

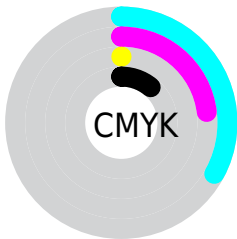
Blue (89%)



Red (60%)

Yellow (67%)

Blue (89%)

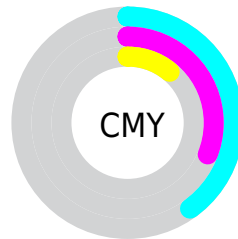


Cyan (33%)

Magenta (23%)

Yellow (0%)

Black (11%)



Cyan (40%)

Magenta (31%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99AFE4 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 99AFE4 by changing the saturation by 10% instead.

■ 99AFE4

FFFFFF

■ D1E6FF

■ EEEFFF

■ 99AFE4

■ 7E94C8

■ 637BAC

■ 496292

■ 2F4A78

■ 12345F

■ 001F47

■ 000630

■ 00011B

■ 000000

 99AFE4

 99AFE4

 829FE4

 B0BFE4

 6B8FE4

 C7CFE4

 557FE4

 DDDFE4

 3E6FE4

 F4EFE4

 275EE4

 FFFFE4

 104EE4

 0043E4

Harmonies

Analogous

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



73B7E1



99AFE4



BEA6D9

Triad

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



99AFE4



E29F8F



7DBD9B

Complementary

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



99AFE4



E4CE99

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.



9CB885



99AFE4



D3A77E

Square

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



99AFE4



E59BA8



BAB07A



63BEB7

Rectangle

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



99AFE4



D1A0CB



BAB07A



87BB93

Sweetspot

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



99AFE4



E6EDFF



99E4CE



707580



000000



808080

Same Dimension

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



99AFE4



9CB9FF



A899E4



676B73



0034B3



000F33

Inverse Universe

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



E499AF



FF9CB9



D5E499



73676B



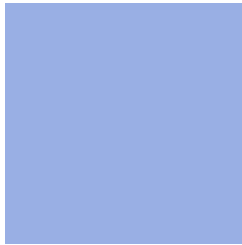
B30034



33000F

Previews

White Background



This preview shows how the Hex color 99AFE4 looks on a white background.

Color Contrast Check

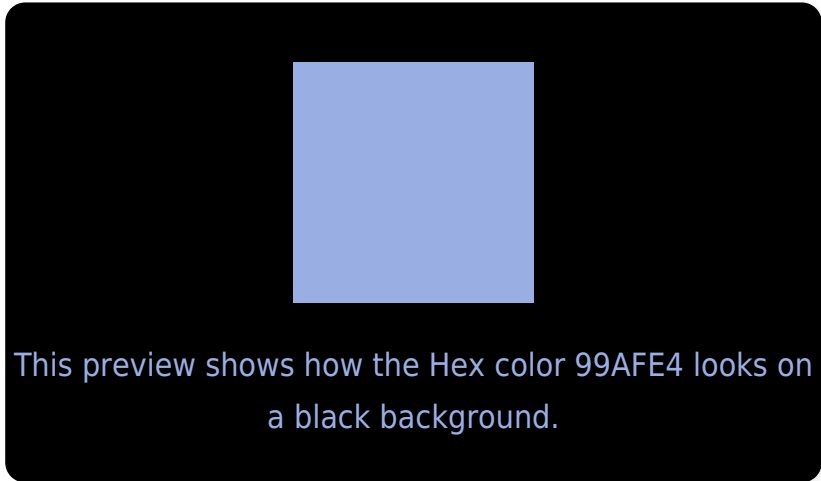
Large Text (above 18pt) WCAG AA × Fail

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

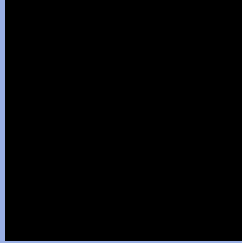
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

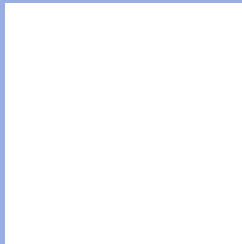
Any Text WCAG AAA ✓ Pass

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

Hex 99AFE4 Background



This preview shows how black text looks on a background with the Hex color 99AFE4.



This preview shows how white text looks on a background with the Hex color 99AFE4.

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



Original Color
99AFE4

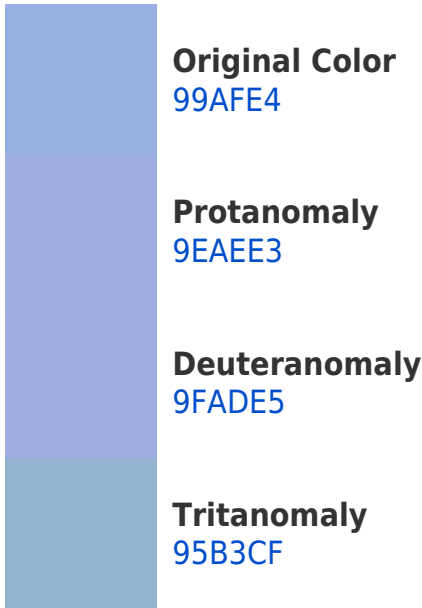
Protanopia
A1ADE3

Deuteranopia
A3ACE5

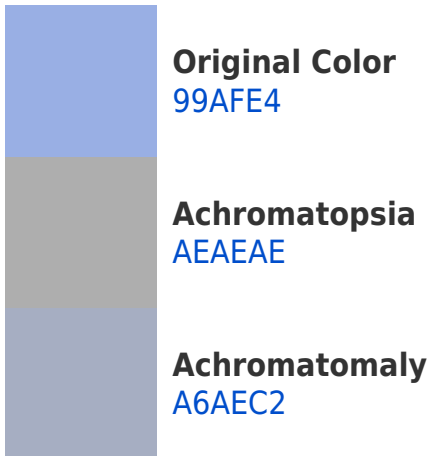


Tritanopia
92B5C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 99AFE4 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 #99AFE4 looks like.

```
.text, #text, p{  
    color:#99AFE4  
}
```

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 #99AFE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99AFE4
}
```

Border

The CSS property to change the border of an element to Hex 99AFE4 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
#99AFE4 }
```

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

```
.border{ border-color:#99AFE4 }
```

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

Here you see how a box with a 4 pixel #99AFE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99AFE4; -webkit-box-shadow:4px 4px  
4px 4px #99AFE4; box-shadow:4px 4px 4px  
4px #99AFE4 }
```

Background

The CSS property to change the background color of an element to Hex 99AFE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99AFE4 }
```

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

```
.background{ background-color:#99AFE4 }
```

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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