

Converting Colors

Hex(99EFEF)

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

Hex(99EFEF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(99EFEF)

Conversions

Conversions Part 1

Format	Color
Hex	99EFEF
RGB	153, 239, 239
RGB Percent	60%, 94%, 94%
CMY	0.4000, 0.0627, 0.0627
CMYK	0.36, 0.00, 0.00, 0.06
HSL	180°, 73%, 77%
HSV	180°, 36%, 94%
XYZ	59.5834, 74.7373, 92.9467
YIQ	213.2860, -51.2560, -18.2320

Conversions

Conversions Part 2

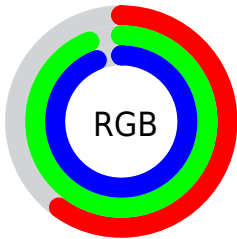
Format	Color
RYB	153, 196, 239
Decimal	10088431
CIELab	89.27, -25.83, -8.22
CIELCh	89, 27.104, 197.663
Yxy	74.7373, 0.2622, 0.3289
Android (android.graphics.Color)	4288278511 (0xFF99EFEF)
YUV	213.2860, 12.6770, -52.8708
Hunter-Lab	86.4507, -28.2635, -3.2296

Details

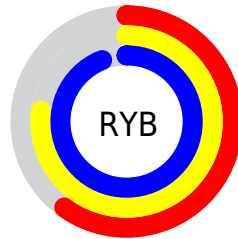
The Hex color **99EFEF** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **EF9999**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **D2FFFF**, and **61B7B7** is the 20% darker color. If you saturate the color by 10%, you get **81EFEF**, and if you desaturate by 10%, it is **B1EFEF**.

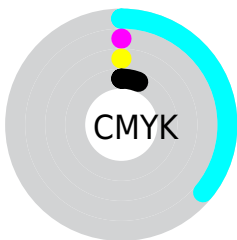
Distribution



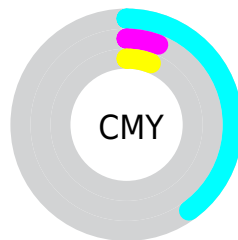
- Red (60%)
- Green (94%)
- Blue (94%)



- Red (60%)
- Yellow (77%)
- Blue (94%)



- Cyan (36%)
- Magenta (0%)
- Yellow (0%)
- Black (6%)



- Cyan (40%)
- Magenta (6%)
- Yellow (6%)

Brightness & Saturation Gradients

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

 99EFEF

 99EFEF

FFFFFF

 7DD3D3

 D2FFFF

 61B7B7

 F0FFFF

 449C9C

 248182


 006869

 005051

 00383A

 002325

 000110

 99EFEF

 99EFEF

 81EFEF

 B1EFEF

 69EFEF

 C9EFEF

 51EFEF

 E1EFEF

 39EFEF

 F9EFEF

 21EFEF

 FFEFEF

 0AEFEF

 00EFEF

Harmonies

Analogous

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



ABEED4



99EFEF



9CECFE

Triad

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



99EFEF



F7D5FF



FEDBAE

Complementary

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



99EFEF



EF9999

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.



FFD3BB



99EFEF



FFCFEC

Square

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



99EFEF



D6DDFF



FFCED2



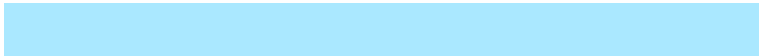
E4E3AF

Rectangle

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



99EFEF



AAE8FF



FFCED2



FFD8B1

Sweetspot

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



99EFEF



E3FFFF



99EF99



6F8080



000000



808080

Same Dimension

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



99EFEF



91FFFF



99C4EF



6C7878



00B8B8



003838

Inverse Universe

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



EF99EF



FF91FF



EFC499



786C78



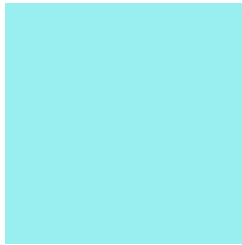
B800B8



380038

Previews

White Background



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

Color Contrast Check

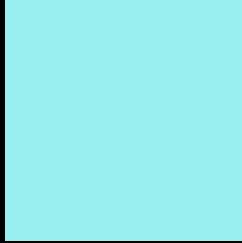
Large Text (above 18pt) WCAG AA × Fail

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 99EDEF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

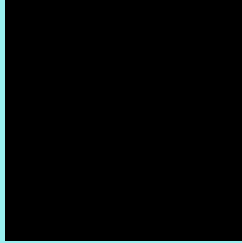
Any Text WCAG AA ✓ Pass

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 99EFEF Background



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

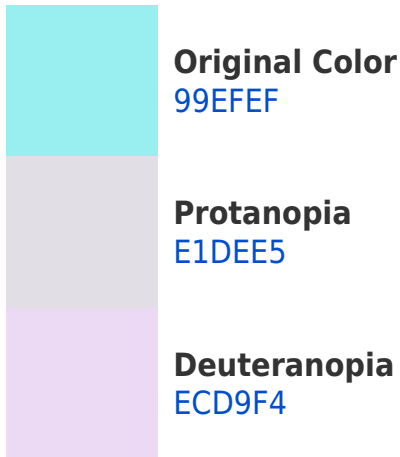


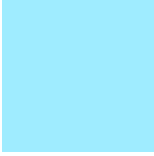
This preview shows how white text looks on a background with the Hex color 99EFEF.

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



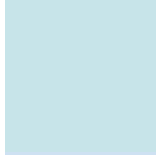


Tritanopia
9FECFF

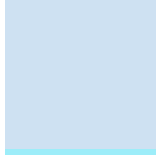
Trichromacy



Original Color
99EFEF



Protanomaly
C7E4E9



Deuteranomaly
CEE1F2

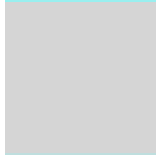


Tritanomaly
9DEDF9

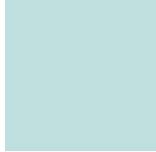
Monochromacy



Original Color
99EFEF



Achromatopsia
D5D5D5



Achromatomaly
BFDEDE

CSS Examples

Text

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

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

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 #99EFEF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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