

Converting Colors

Hex(99BEFF)

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

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Color

Hex(99BEFF)

Conversions

Conversions Part 1

Format	Color
Hex	99BEFF
RGB	153, 190, 255
RGB Percent	60%, 75%, 100%
CMY	0.4000, 0.2549, 0.0000
CMYK	0.40, 0.25, 0.00, 0.00
HSL	218°, 100%, 80%
HSV	218°, 40%, 100%
XYZ	49.6003, 50.8192, 101.8026
YIQ	186.3470, -42.9170, 12.3710

Conversions

Conversions Part 2

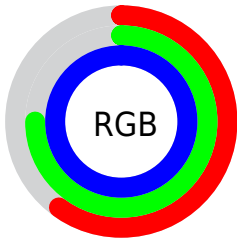
Format	Color
RYB	153, 180, 255
Decimal	10075903
CIELab	76.57, 3.54, -35.96
CIElCh	77, 36.139, 275.626
Yxy	50.8192, 0.2453, 0.2513
Android (android.graphics.Color)	4288265983 (0xFF99BEFF)
YUV	186.3470, 33.8459, -29.2453
Hunter-Lab	71.2876, -0.5570, -34.7681

Details

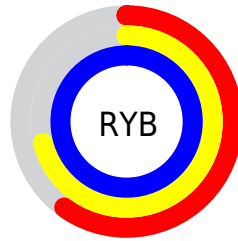
The Hex color **99BEFF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFDA99**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **D2F6FF**, and **6189C6** is the 20% darker color. If you saturate the color by 10%, you get **80AEFF**, and if you desaturate by 10%, it is **B3CEFF**.

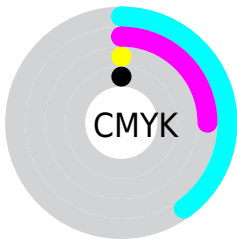
Distribution



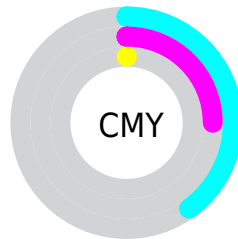
- Red (60%)
- Green (75%)
- Blue (100%)



- Red (60%)
- Yellow (71%)
- Blue (100%)



- Cyan (40%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 99BEFF

FFFFFF

 D2F6FF

 F0FFFF

 99BEFF

 7DA3E2

 6189C6

 4570AB

 265790

 004076

 002B5D

 001745

 00042E

 000119

 99BEFF

 99BEFF

 80AEFF

 B3CEFF

 669EFF

 CCDFFF

 4D8DFF

 E6EFFF

 337DFF

FFFFFF

 196DFF

 005DFF

Harmonies

Analogous

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



65C8F9



99BEFF



C9B2F3

Triad

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



99BEFF



FCA898



82CDA0

Complementary

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



99BEFF



FFDA99

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.



A9C786



99BEFF



EBB181

Square

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



99BEFF



FEA3B8



CEBD7A



5ACFC2

Rectangle

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



99BEFF



E3ABE3



CEBD7A



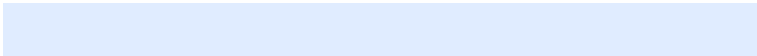
8FCB96

Sweetspot

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



99BEFF



E0ECFF



99FFDA



6E7480



000000



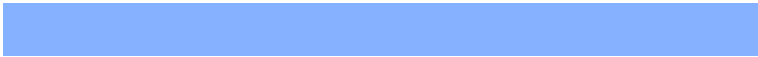
808080

Same Dimension

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



99BEFF



85B1FF



A799FF



737780



0045BF



001740

Inverse Universe

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



FF99BE



FF85B1



F1FF99



807377



BF0045



400017

Previews

White Background



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

Color Contrast Check

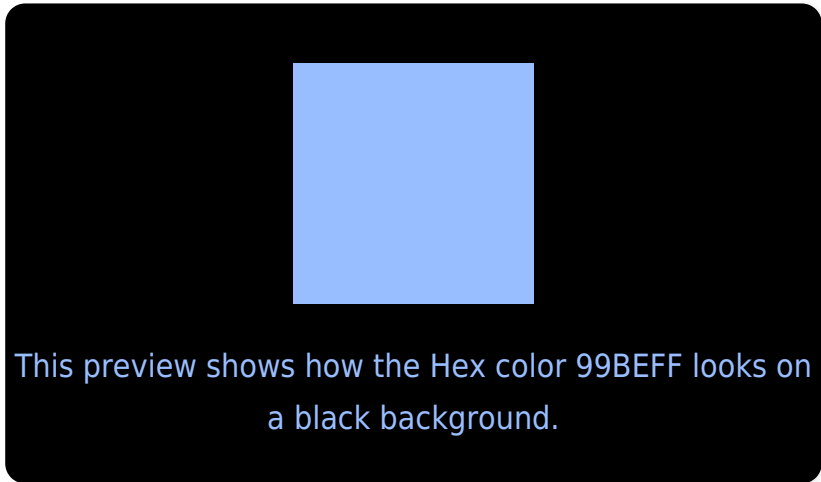
Large Text (above 18pt) WCAG AA × Fail

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

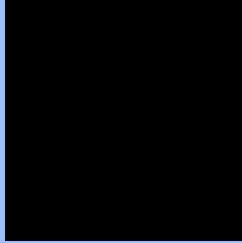
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

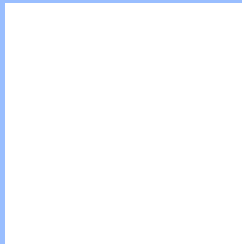
Any Text WCAG AAA ✓ Pass

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

Hex 99BEFF Background



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



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

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](#).

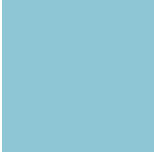
Dichromacy



Original Color
99BEFF

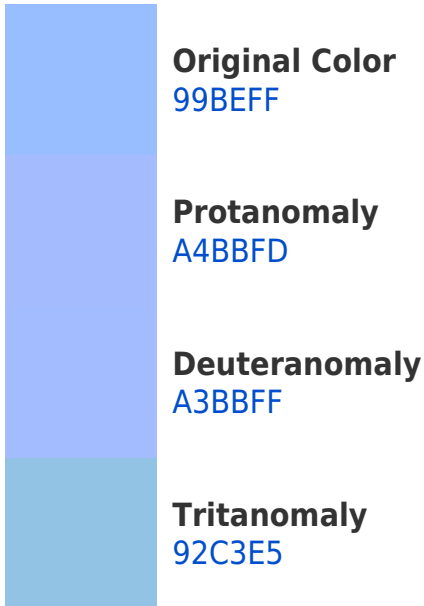
Protanopia
AABAFD

Deuteranopia
A9BAFF



Tritanopia
8EC6D6

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #99BEFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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