

Converting Colors

Hex(90BBFF)

Have a look what the booklet for
Hex(90BBFF) contains.

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Color

Hex(90BBFF)

Conversions

Conversions Part 1

Format	Color
Hex	90BBFF
RGB	144, 187, 255
RGB Percent	56%, 73%, 100%
CMY	0.4353, 0.2667, 0.0000
CMYK	0.44, 0.27, 0.00, 0.00
HSL	217°, 100%, 78%
HSV	217°, 44%, 100%
XYZ	47.3219, 48.6899, 101.5117
YIQ	181.8950, -47.4560, 12.0320

Conversions

Conversions Part 2

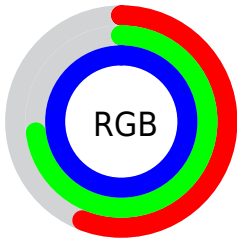
Format	Color
RYB	144, 175, 255
Decimal	9485311
CIELab	75.26, 2.93, -38.04
CIElCh	75, 38.152, 274.412
Yxy	48.6899, 0.2396, 0.2465
Android (android.graphics.Color)	4287675391 (0xFF90BBFF)
YUV	181.8950, 36.0408, -33.2339
Hunter-Lab	69.7782, -1.0573, -37.4090

Details

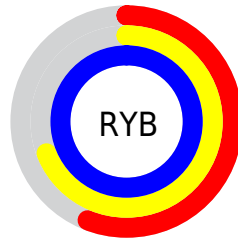
The Hex color **90BBFF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFD490**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **C9F3FF**, and **5786C6** is the 20% darker color. If you saturate the color by 10%, you get **77ABFF**, and if you desaturate by 10%, it is **AACBFF**.

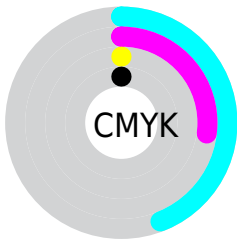
Distribution



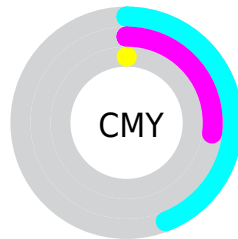
- Red (56%)
- Green (73%)
- Blue (100%)



- Red (56%)
- Yellow (69%)
- Blue (100%)



- Cyan (44%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (44%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90BBFF 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 90BBFF by changing the saturation by 10% instead.

 90BBFF

 90BBFF

FFFFFF

 74A0E2

 C9F3FF

 5786C6

 E7FFFF

 396DAA

 145590

 003E76

 00295D

 001445

 00042E

 000118

 90BBFF

 90BBFF

 77ABFF

 AACBFF

 5D9CFF

 C3DAFF

 438CFF

 DDEAFF

 2A7DFF

 F6F9FF

 106DFF

FFFFFF

 0063FF

Harmonies

Analogous

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



56C5F8



90BBFF



C4AEF3

Triad

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



90BBFF



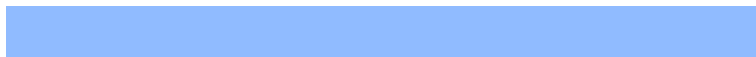
FCA293



7CCA9A

Complementary

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



90BBFF



FFD490

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.



A6C37E



90BBFF



EAAD7B

Square

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



90BBFF



FD9EB5



CCB973



4FCCBE

Rectangle

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



90BBFF



E0A6E3



CCB973



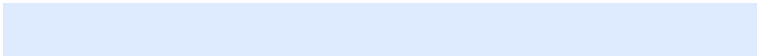
8AC88F

Sweetspot

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



90BBFF



DEEBFF



90FFD3



6B7380



000000



808080

Same Dimension

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



90BBFF



7AAEFF



9B90FF



737880



004ABF



001940

Inverse Universe

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



FF90BB



FF7AAE



F4FF90



807378



BF004A



400019

Previews

White Background



This preview shows how the Hex color 90BBFF looks on a white background.

Color Contrast Check

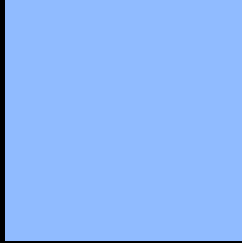
Large Text (above 18pt) WCAG AA × Fail

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 90BBFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

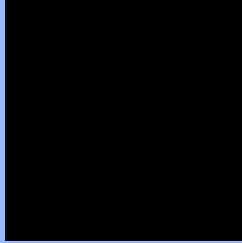
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

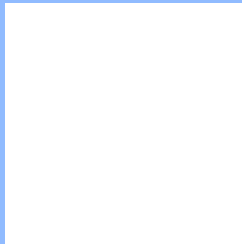
Any Text WCAG AAA ✓ Pass

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

Hex 90BBFF Background



This preview shows how black text looks on a background with the Hex color 90BBFF.



This preview shows how white text looks on a background with the Hex color 90BBFF.

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](#).

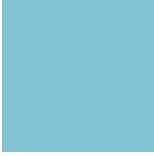
Dichromacy



Original Color
90BBFF

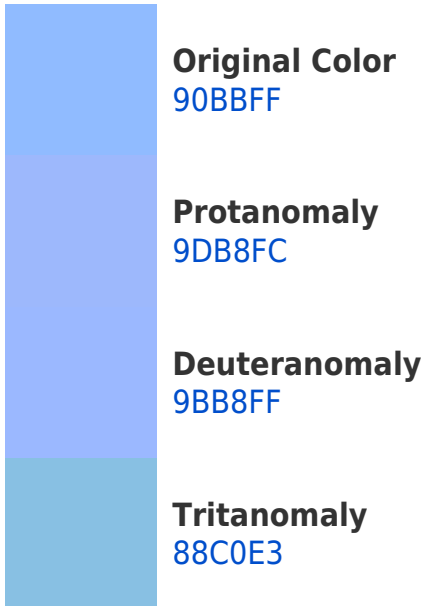
Protanopia
A5B6FB

Deuteranopia
A2B7FF



Tritanopia
84C3D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 90BBFF 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 #90BBFF looks like.

```
.text, #text, p{  
    color:#90BBFF  
}
```

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 #90BBFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90BBFF
}
```

Border

The CSS property to change the border of an element to Hex 90BBFF 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
#90BBFF }
```

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

```
.border{ border-color:#90BBFF }
```

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

Here you see how a box with a 4 pixel #90BBFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90BBFF; -webkit-box-shadow:4px 4px  
4px 4px #90BBFF; box-shadow:4px 4px 4px  
4px #90BBFF }
```

Background

The CSS property to change the background color of an element to Hex 90BBFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90BBFF }
```

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

```
.background{ background-color:#90BBFF }
```

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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