

Converting Colors

Hex(90FBF0)

Have a look what the booklet for
Hex(90FBF0) contains.

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Color

Hex(90FBF0)

Conversions

Conversions Part 1

Format	Color
Hex	90BF00
RGB	144, 251, 240
RGB Percent	56%, 98%, 94%
CMY	0.4353, 0.0157, 0.0588
CMYK	0.43, 0.00, 0.04, 0.02
HSL	174°, 93%, 77%
HSV	174°, 43%, 98%
XYZ	61.7270, 81.2149, 94.8608
YIQ	217.7530, -60.2410, -26.1050

Conversions

Conversions Part 2

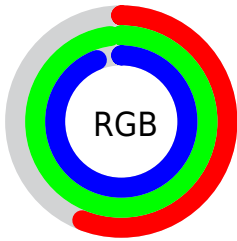
Format	Color
RYB	144, 200, 251
Decimal	9501680
CIELab	92.23, -33.50, -4.42
CIELCh	92, 33.793, 187.513
Yxy	81.2149, 0.2596, 0.3415
Android (android.graphics.Color)	4287691760 (0xFF90FBF0)
YUV	217.7530, 10.9678, -64.6814
Hunter-Lab	90.1193, -35.4458, 0.6741

Details

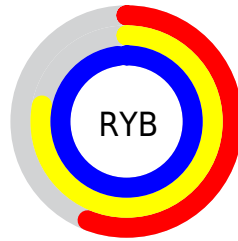
The Hex color **90FBF0** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FB909B**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **CBFFFF**, and **55C2B8** is the 20% darker color. If you saturate the color by 10%, you get **77FBED**, and if you desaturate by 10%, it is **A9FBF3**.

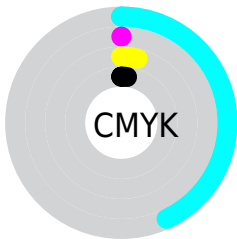
Distribution



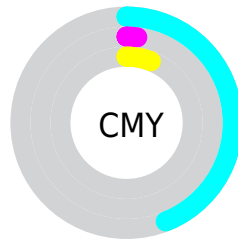
- Red (56%)
- Green (98%)
- Blue (94%)



- Red (56%)
- Yellow (78%)
- Blue (98%)



- Cyan (43%)
- Magenta (0%)
- Yellow (4%)
- Black (2%)



- Cyan (44%)
- Magenta (2%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90FBF0 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 90FBF0 by changing the saturation by 10% instead.

 90FBF0

FFFFFF

 CBFFFF

 E8FFFF

 90FBF0

 73DED4

 55C2B8

 35A79D

 008C83

 00726A

 005952

 00413B

 002A25

 000F11

 90FBF0

 90FBF0

 77FBED

 A9FBF3

 5EFBEB

 C2FBF5

 45FBE8

 DBFBF8

 2CFBE6

 F4FBFA

 13FBE3

 FFFBFD

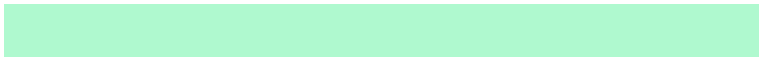
 00FBE1

 FFFBFF

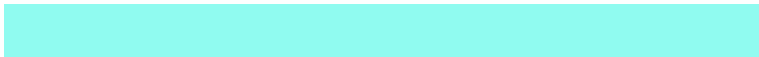
Harmonies

Analogous

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



AFF9CF



90FBF0



87F9FF

Triad

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



90FBF0



F8DEFF



FFDEAE

Complementary

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



90FBF0



FB909B

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.



FFD5C3



90FBF0



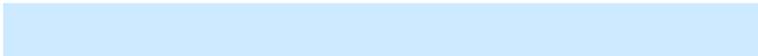
FFD4FF

Square

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



90FBF0



CCE9FF



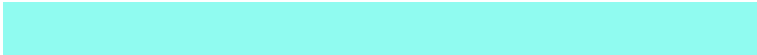
FFD1E2



F8E9A8

Rectangle

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



90FBF0



94F5FF



FFD1E2



FFDDB3

Sweetspot

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



90FBF0



DEFFFC



9CFB90



6B807D



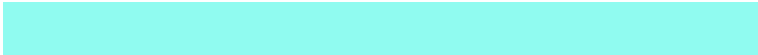
000000



808080

Same Dimension

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



90FBF0



7DFFF2



90D2FB



707D7C



00BDA9



003D37

Inverse Universe

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



FB909B



FF7D8A



FBB990



7D7072



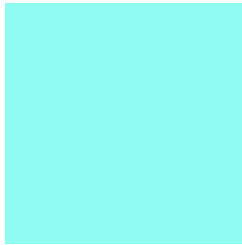
BD0013



3D0006

Previews

White Background



This preview shows how the Hex color 90FBF0 looks on a white background.

Color Contrast Check

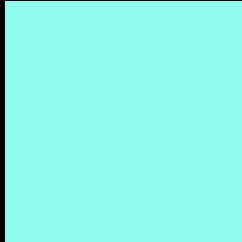
Large Text (above 18pt) WCAG AA × Fail

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 90FBF0 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 90FBF0 Background



This preview shows how black text looks on a background with the Hex color 90FBF0.



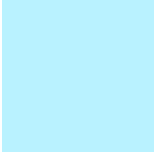
This preview shows how white text looks on a background with the Hex color 90FBF0.

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
B9F2FF

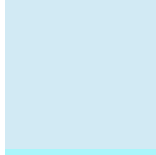
Trichromacy



Original Color
90FBF0



Protanomaly
CBEEE8



Deuteranomaly
D2EAF4

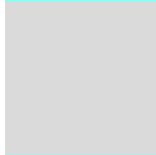


Tritanomaly
AAF5FA

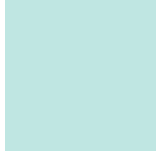
Monochromacy



Original Color
90FBF0



Achromatopsia
DADADA



Achromatomaly
BFE6E2

CSS Examples

Text

The CSS property to change the color of the text to Hex 90FBF0 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 #90FBF0 looks like.

```
.text, #text, p{  
    color:#90FBF0  
}
```

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 #90FBF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90FBF0
}
```

Border

The CSS property to change the border of an element to Hex 90FBF0 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
#90FBF0 }
```

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

```
.border{ border-color:#90FBF0 }
```

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

Here you see how a box with a 4 pixel #90FBF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90FBF0; -webkit-box-shadow:4px 4px  
4px 4px #90FBF0; box-shadow:4px 4px 4px  
4px #90FBF0 }
```

Background

The CSS property to change the background color of an element to Hex 90FBF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90FBF0 }
```

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

```
.background{ background-color:#90FBF0 }
```

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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