

# Converting Colors

Hex(B2F9F9)

Have a look what the booklet for  
Hex(B2F9F9) contains.

<b>Hex(B2F9F9)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(B2F9F9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2F9F9
RGB	178, 249, 249
RGB Percent	70%, 98%, 98%
CMY	0.3020, 0.0235, 0.0235
CMYK	0.29, 0.00, 0.00, 0.02
HSL	180°, 86%, 84%
HSV	180°, 29%, 98%
XYZ	69.3347, 84.0559, 102.1926
YIQ	227.7710, -42.3160, -15.0520

# Conversions

## Conversions Part 2

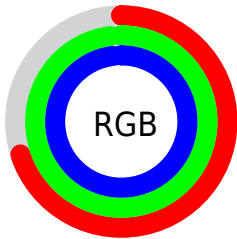
Format	Color
R <sub>Y</sub> B	178, 214, 249
Decimal	11729401
CIE Lab	93.47, -21.78, -7.07
CIE LCh	93, 22.894, 197.980
Yxy	84.0559, 0.2713, 0.3289
Android (android.graphics.Color)	4289919481 (0xFFB2F9F9)
YUV	227.7710, 10.4659, -43.6492
Hunter-Lab	91.6820, -25.4526, -1.9097

# Details

The Hex color **B2F9F9** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F9B2B2**, and the grayscale version is **E4E4E4**.

A 20% lighter version of the original color is **EBFFFF**, and **7BC0C1** is the 20% darker color. If you saturate the color by 10%, you get **99F9F9**, and if you desaturate by 10%, it is **CBF9F9**.

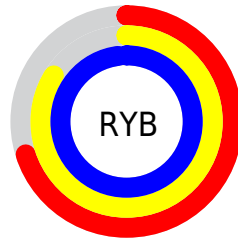
# Distribution



Red (70%)

Green (98%)

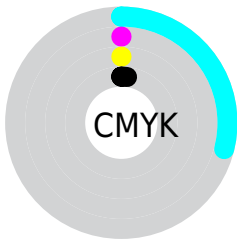
Blue (98%)



Red (70%)

Yellow (84%)

Blue (98%)

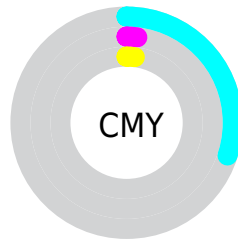


Cyan (29%)

Magenta (0%)

Yellow (0%)

Black (2%)



Cyan (30%)

Magenta (2%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2F9F9 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 B2F9F9 by changing the saturation by 10% instead.



 B2F9F9

 B2F9F9

FFFFFF

 96DCDC

 EBFFFF

 7BC0C1

 60A5A5

 458B8B

 287172

 015859

 004142

 002A2C

 001518

 B2F9F9

 B2F9F9

 99F9F9

 CBF9F9

 80F9F9

 E4F9F9

 67F9F9

 FDF9F9

 4EF9F9

 FFF9F9

 35F9F9

 1DF9F9

 04F9F9

 00F9F9

# Harmonies

## Analogous

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



BFF8E2



B2F9F9



B5F6FF

# Triad

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



B2F9F9



FFE2FF



FFE8C2

# Complementary

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



B2F9F9



F9B2B2

# 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.



FFE1CC



B2F9F9



FFDEF6

# Square

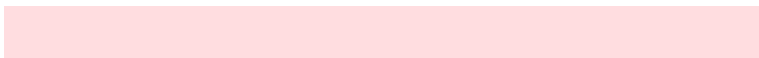
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B2F9F9



E5EAFF



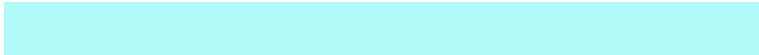
FFDDE0



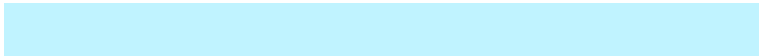
EFEFC2

# Rectangle

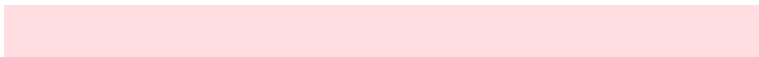
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B2F9F9



C0F3FF



FFDDE0



FFE5C4



# Sweetspot

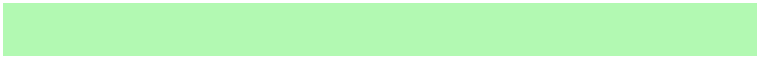
The Sweet Spot groups the original color and five complimentary colors.



B2F9F9



E8FFFF



B2F9B2



718080



000000



808080



# Same Dimension

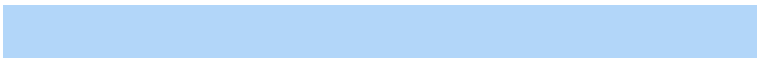
The Same Dimension uses a secret algorithm to generate beautiful new colors.



B2F9F9



A8FFFF



B2D6F9



707D7D



00BDBD



003D3D



# Inverse Universe

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



F9B2F9



FFA8FF



F9D6B2



7D707D



BD00BD

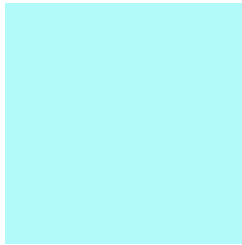


3D003D



# Previews

## White Background



This preview shows how the Hex color B2F9F9 looks on a white background.

## Color Contrast Check

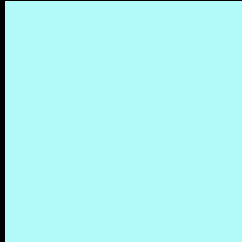
Large Text (above 18pt) WCAG AA × Fail

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 B2F9F9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

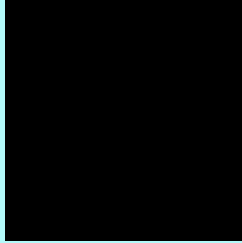
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

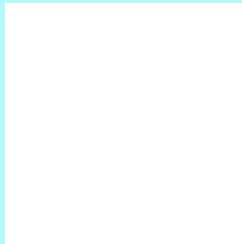
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B2F9F9 Background



This preview shows how black text looks on a background with the Hex color B2F9F9.

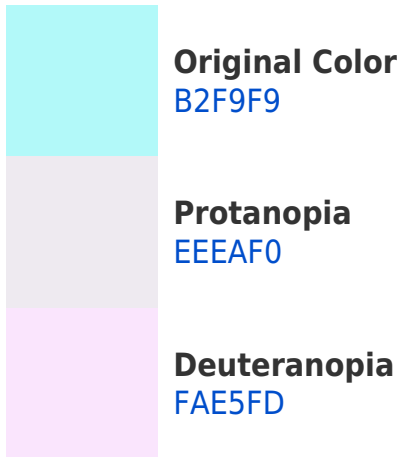


This preview shows how white text looks on a background with the Hex color B2F9F9.

# 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

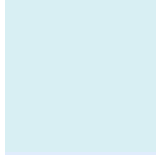




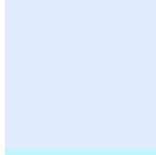
# Trichromacy



**Original Color**  
B2F9F9



**Protanomaly**  
D8EFF3



**Deuteranomaly**  
E0ECFC

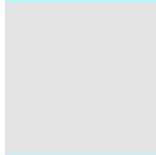


**Tritanomaly**  
C3F5FD

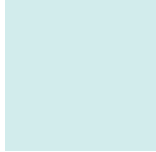
# Monochromacy



**Original Color**  
B2F9F9



**Achromatopsia**  
E4E4E4



**Achromatomaly**  
D2ECEC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2F9F9 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 #B2F9F9 looks like.

```
.text, #text, p{  
    color:#B2F9F9  
}
```

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 #B2F9F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2F9F9
}
```

## Border

The CSS property to change the border of an element to Hex B2F9F9 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
#B2F9F9 }
```

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

```
.border{ border-color:#B2F9F9 }
```

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

Here you see how a box with a 4 pixel #B2F9F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2F9F9; -webkit-box-shadow:4px 4px  
4px 4px #B2F9F9; box-shadow:4px 4px 4px  
4px #B2F9F9 }
```

# Background

The CSS property to change the background color of an element to Hex B2F9F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2F9F9 }
```

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

```
.background{ background-color:#B2F9F9 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor