

# Converting Colors

Hex(B2F3F7)

Have a look what the booklet for  
Hex(B2F3F7) contains.

|  |    |
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# **Color**

**Hex(B2F3F7)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | B2F3F7                       |
| RGB         | 178, 243, 247                |
| RGB Percent | 70%, 95%, 97%                |
| CMY         | 0.3020, 0.0471, 0.0314       |
| CMYK        | 0.28, 0.02, 0.00, 0.03       |
| HSL         | 183°, 81%, 83%               |
| HSV         | 183°, 28%, 97%               |
| XYZ         | 67.1992, 80.2816, 99.9498    |
| YIQ         | 224.0210, -40.0240, -12.5360 |

# Conversions

## Conversions Part 2

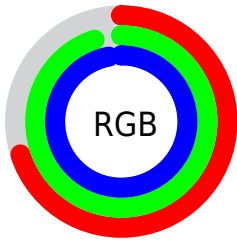
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 178, 211, 247                  |
| Decimal                             | 11727863                       |
| CIE Lab                             | 91.81, -19.27, -8.49           |
| CIE LCh                             | 92, 21.062, 203.780            |
| Yxy                                 | 80.2816, 0.2716,<br>0.3245     |
| Android<br>(android.graphics.Color) | 4289917943<br>(0xFFB2F3F7)     |
| YUV                                 | 224.0210, 11.3286,<br>-40.3604 |
| Hunter-Lab                          | 89.6000, -22.9265,<br>-3.4187  |

# Details

The Hex color **B2F3F7** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F7B6B2**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **EBFFFF**, and **7BBBBF** is the 20% darker color. If you saturate the color by 10%, you get **99F2F7**, and if you desaturate by 10%, it is **CBF4F7**.

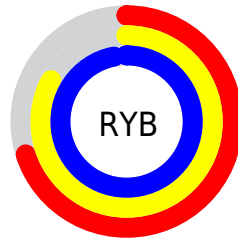
# Distribution



Red (70%)

Green (95%)

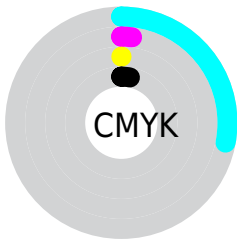
Blue (97%)



Red (70%)

Yellow (83%)

Blue (97%)

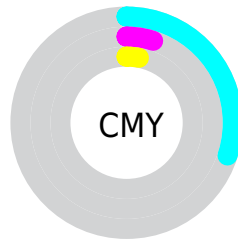


Cyan (28%)

Magenta (2%)

Yellow (0%)

Black (3%)



Cyan (30%)

Magenta (5%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2F3F7 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 B2F3F7 by changing the saturation by 10% instead.



 B2F3F7

 B2F3F7

FFFFFF

 96D7DB

 EBFFFF

 7BBBBF

 60A0A4

 468589

 2A6C70

 075358


 003C40

 00262A

 000D16

 B2F3F7

 B2F3F7

 99F2F7

 CBF4F7

 81F0F7

 E3F6F7

 68EFF7

 FCF7F7

 4FEDF7

 FFF9F7

 36ECF7

 FFFAF7

 1EEAF7

 FFFCF7

 05E9F7

 FFFDF7

 00E9F7

 FFFEF7

 FFFFF7

# Harmonies

## Analogous

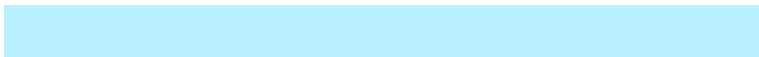
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



BBF3E2



B2F3F7



B8F0FF

# Triad

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



B2F3F7



FEDDF7



FCE5C0

# Complementary

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



B2F3F7



F7B6B2

# 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.



FFDEC8



B2F3F7



FFDAED

# Square

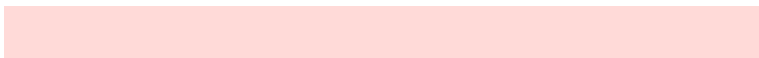
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B2F3F7



E6E4FF



FFDAD8



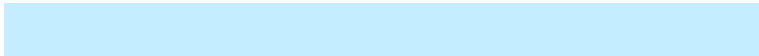
E6EBC2

# Rectangle

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



B2F3F7



C4EDFF



FFDAD8



FFE2C1

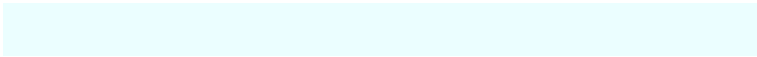


# Sweetspot

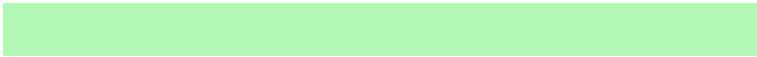
The Sweet Spot groups the original color and five complimentary colors.



B2F3F7



EBFEFF



B2F7B5



737F80



000000



808080



# Same Dimension

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



B2F3F7



A8FAFF



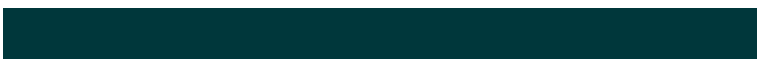
B2D1F7



6E7A7A



00AFBA



00373B



# Inverse Universe

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



F7B2F3



FFA8FA



F7D8B2



7A6E7A



BA00AF

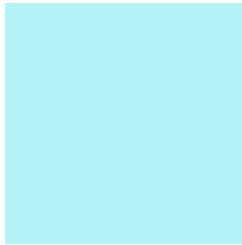


3B0037



# Previews

## White Background



This preview shows how the Hex color B2F3F7 looks on a white background.

## Color Contrast Check

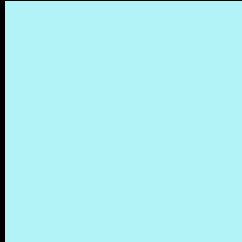
Large Text (above 18pt) WCAG AA × Fail

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 B2F3F7 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 B2F3F7 Background



This preview shows how black text looks on a background with the Hex color B2F3F7.

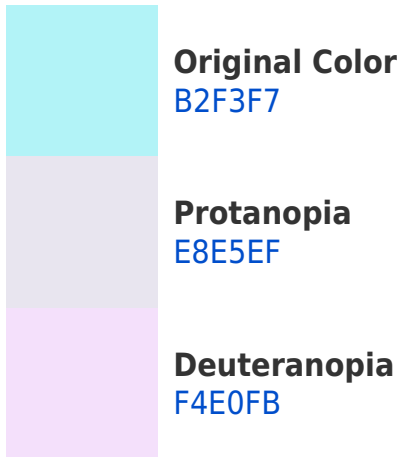


This preview shows how white text looks on a background with the Hex color B2F3F7.

# Color Blindness Simulation

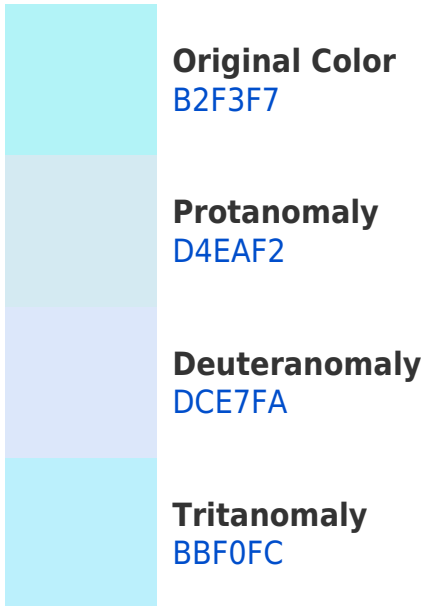
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

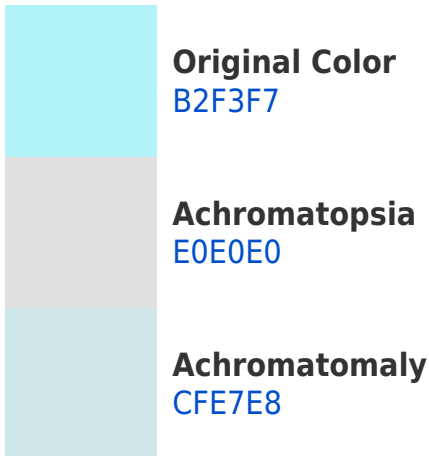




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2F3F7 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 #B2F3F7 looks like.

```
.text, #text, p{  
    color:#B2F3F7  
}
```

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 #B2F3F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2F3F7
}
```

## Border

The CSS property to change the border of an element to Hex B2F3F7 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
#B2F3F7 }
```

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

```
.border{ border-color:#B2F3F7 }
```

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

Here you see how a box with a 4 pixel #B2F3F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2F3F7; -webkit-box-shadow:4px 4px  
4px 4px #B2F3F7; box-shadow:4px 4px 4px  
4px #B2F3F7 }
```

# Background

The CSS property to change the background color of an element to Hex B2F3F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2F3F7 }
```

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

```
.background{ background-color:#B2F3F7 }
```

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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