

# Converting Colors

Hex(B2E2F8)

Have a look what the booklet for  
Hex(B2E2F8) contains.

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# **Color**

**Hex(B2E2F8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2E2F8
RGB	178, 226, 248
RGB Percent	70%, 89%, 97%
CMY	0.3020, 0.1137, 0.0275
CMYK	0.28, 0.09, 0.00, 0.03
HSL	199°, 83%, 84%
HSV	199°, 28%, 97%
XYZ	62.4997, 70.6350, 99.1468
YIQ	214.1560, -35.6700, -3.3340

# Conversions

## Conversions Part 2

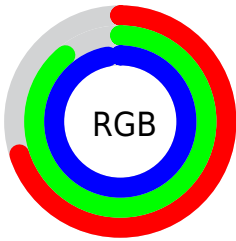
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	178, 206, 248
Decimal	11723512
CIE Lab	87.31, -10.50, -15.74
CIE LCh	87, 18.915, 236.294
Yxy	70.6350, 0.2691, 0.3041
Android (android.graphics.Color)	4289913592 (0xFFB2E2F8)
YUV	214.1560, 16.6851, -31.7088
Hunter-Lab	84.0446, -14.3367, -11.1127

# Details

The Hex color **B2E2F8** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **F8C8B2**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **EBFFFF**, and **7BABC0** is the 20% darker color. If you saturate the color by 10%, you get **99DAF8**, and if you desaturate by 10%, it is **CBEAF8**.

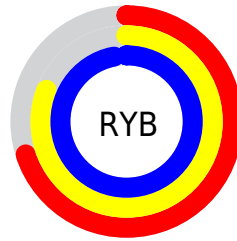
# Distribution



Red (70%)

Green (89%)

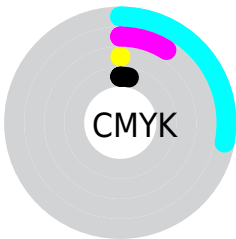
Blue (97%)



Red (70%)

Yellow (81%)

Blue (97%)

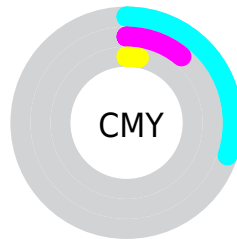


Cyan (28%)

Magenta (9%)

Yellow (0%)

Black (3%)



Cyan (30%)

Magenta (11%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2E2F8 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 B2E2F8 by changing the saturation by 10% instead.



 B2E2F8

FFFFFF

 EBFFFF

 B2E2F8

 96C6DB

 7BABC0

 6190A4

 47778A

 2D5E71

 0F4658

 003041

 001B2B

 000116

 B2E2F8

 B2E2F8

 99DAF8

 CBEAF8

 80D2F8

 E4F2F8

 68CBF8

 FCF9F8

 4FC3F8

 FFFFF8

 36BBF8

 1DB3F8

 04ABF8

 00AAF8

# Harmonies

## Analogous

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



ACE5EA



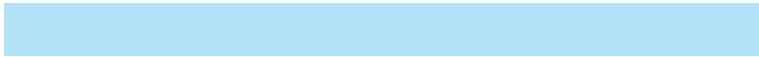
B2E2F8



C4DDFE

# Triad

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



B2E2F8



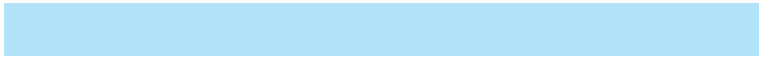
FECFDE



D8DEBA

# Complementary

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



B2E2F8



F8C8B2

# 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.



EBD9B7



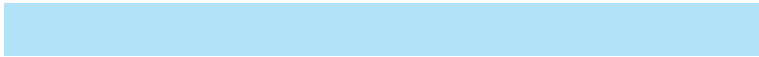
B2E2F8



FFCFCC

# Square

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



B2E2F8



F0D1EF



FAD3BE



C3E3C6

# Rectangle

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



B2E2F8



D4D9FD



FAD3BE

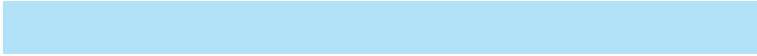


DFDDB8

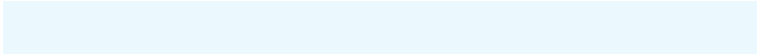


# Sweetspot

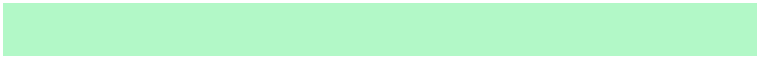
The Sweet Spot groups the original color and five complimentary colors.



B2E2F8



EBF9FF



B2F8C7



737B80



000000

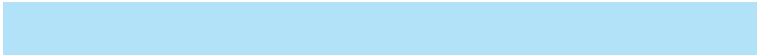


808080

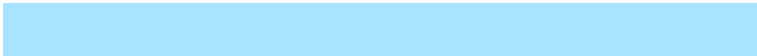


# Same Dimension

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



B2E2F8



A8E4FF



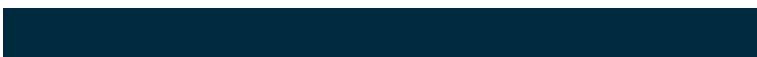
B2C0F8



70797D



0081BD



002A3D



# Inverse Universe

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



F8B2E2



FFA8E4



F8EAB2



7D7079



BD0081

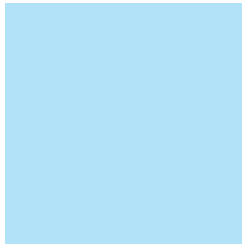


3D002A



# Previews

## White Background



This preview shows how the Hex color B2E2F8 looks on a white background.

## Color Contrast Check

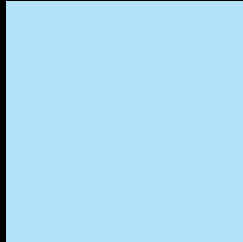
Large Text (above 18pt) WCAG AA × Fail

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 B2E2F8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

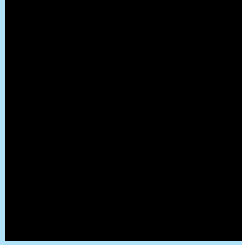
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B2E2F8 Background



This preview shows how black text looks on a background with the Hex color B2E2F8.

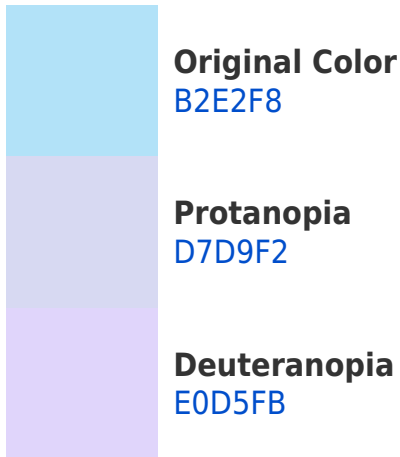


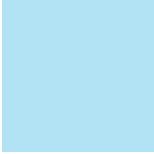
This preview shows how white text looks on a background with the Hex color B2E2F8.

# 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](#).

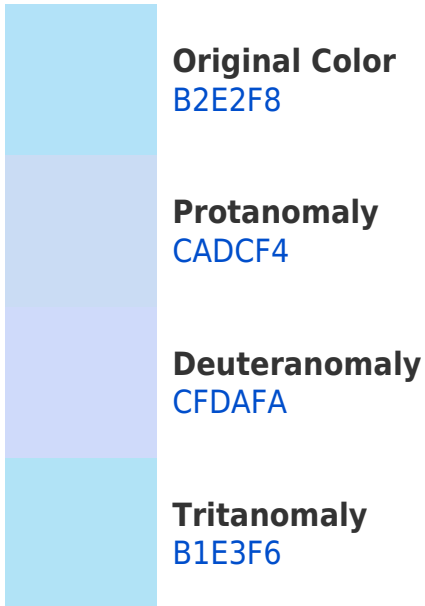
## Dichromacy



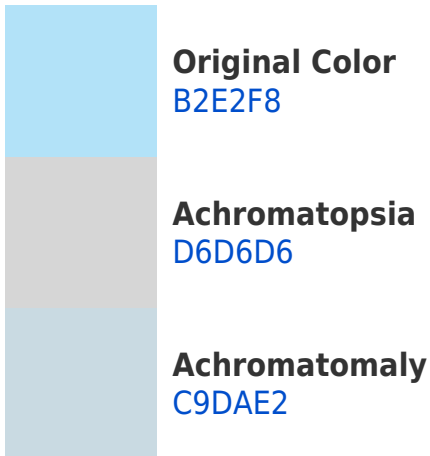


**Tritanopia**  
B1E3F5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2E2F8 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 #B2E2F8 looks like.

```
.text, #text, p{  
    color:#B2E2F8  
}
```

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 #B2E2F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2E2F8
}
```

## Border

The CSS property to change the border of an element to Hex B2E2F8 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
#B2E2F8 }
```

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

```
.border{ border-color:#B2E2F8 }
```

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

Here you see how a box with a 4 pixel #B2E2F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2E2F8; -webkit-box-shadow:4px 4px  
4px 4px #B2E2F8; box-shadow:4px 4px 4px  
4px #B2E2F8 }
```

# Background

The CSS property to change the background color of an element to Hex B2E2F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2E2F8 }
```

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

```
.background{ background-color:#B2E2F8 }
```

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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