

# Converting Colors

Hex(B2E3FA)

Have a look what the booklet for  
Hex(B2E3FA) contains.

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# **Color**

**Hex(B2E3FA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2E3FA
RGB	178, 227, 250
RGB Percent	70%, 89%, 98%
CMY	0.3020, 0.1098, 0.0196
CMYK	0.29, 0.09, 0.00, 0.02
HSL	199°, 88%, 84%
HSV	199°, 29%, 98%
XYZ	63.0845, 71.3053, 100.8809
YIQ	214.9710, -36.5870, -3.2350

# Conversions

## Conversions Part 2

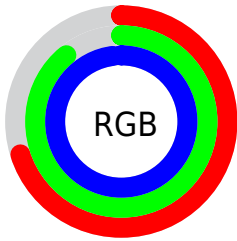
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	178, 207, 250
Decimal	11723770
CIE <sub>Lab</sub>	87.63, -10.55, -16.30
CIE <sub>LCh</sub>	88, 19.414, 237.086
Yxy	71.3053, 0.2681, 0.3031
Android (android.graphics.Color)	4289913850 (0xFFB2E3FA)
YUV	214.9710, 17.2693, -32.4236
Hunter-Lab	84.4425, -14.4221, -11.7223

# Details

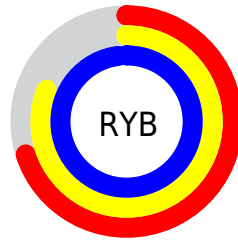
The Hex color **B2E3FA** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FAC9B2**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **EBFFFF**, and **7BACC2** is the 20% darker color. If you saturate the color by 10%, you get **99DBFA**, and if you desaturate by 10%, it is **CBEBFA**.

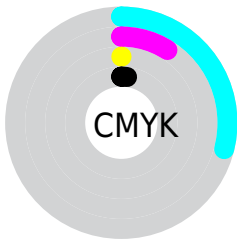
# Distribution



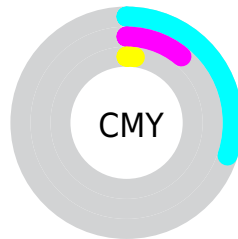
- Red (70%)
- Green (89%)
- Blue (98%)



- Red (70%)
- Yellow (81%)
- Blue (98%)



- Cyan (29%)
- Magenta (9%)
- Yellow (0%)
- Black (2%)



- Cyan (30%)
- Magenta (11%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2E3FA 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 B2E3FA by changing the saturation by 10% instead.



 B2E3FA

 B2E3FA

FFFFFF

 96C7DD

 EBFFFF

 7BACC2

 6191A6

 47778C

 2C5F72

 0D475A

 003142

 001C2C

 000118

 B2E3FA

 B2E3FA

 99DBFA

 CBEBFA

 80D3FA

 E4F3FA

 67CBFA

 FDFBFA

 4EC3FA

 FFFFFA

 35BBFA

 1CB3FA

 03ABFA

 00AAFA

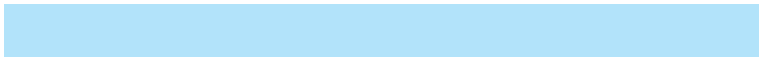
# Harmonies

## Analogous

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



ABE6EC



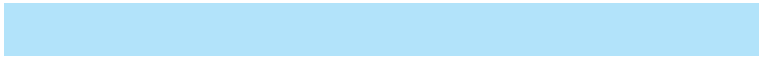
B2E3FA



C5DEFF

# Triad

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



B2E3FA



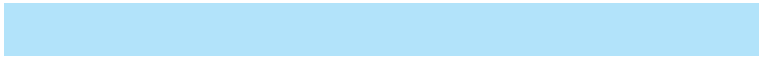
FFCFDE



D8E0BB

# Complementary

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



B2E3FA



FAC9B2

# 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.



ECDAB7



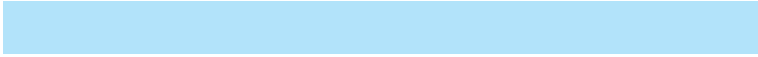
B2E3FA



FFD0CC

# Square

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



B2E3FA



F2D2F0



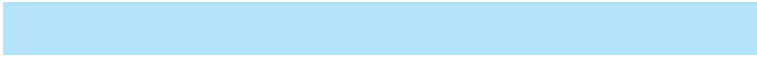
FBD4BD



C3E4C7

# Rectangle

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



B2E3FA



D5DAFF



FBD4BD

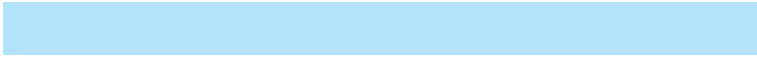


DFDEB8

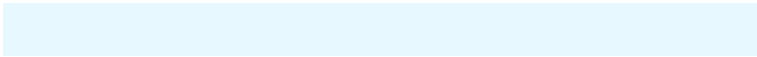


# Sweetspot

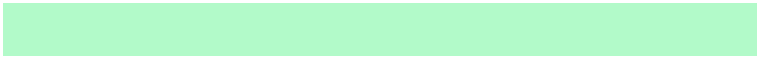
The Sweet Spot groups the original color and five complimentary colors.



B2E3FA



E8F8FF



B2FAC9



717B80



000000

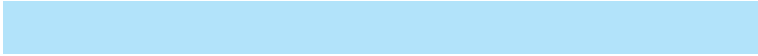


808080

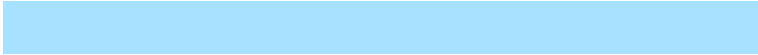


# Same Dimension

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



B2E3FA



A6E2FF



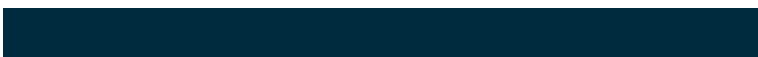
B2BFFA



70797D



0080BD



002A3D



# Inverse Universe

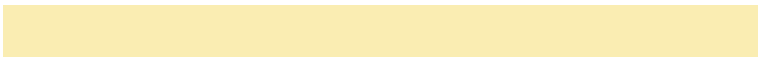
The Inverse Universe completely reimagines the original color for something new.



FAB2E3



FFA6E2



FAEDB2



7D7079



BD0080

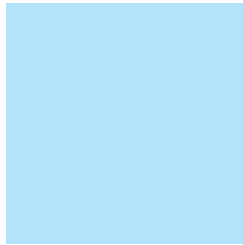


3D002A



# Previews

## White Background



This preview shows how the Hex color B2E3FA looks on a white background.

## Color Contrast Check

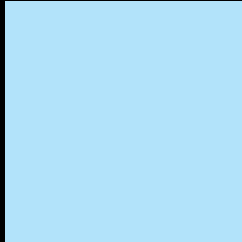
Large Text (above 18pt) WCAG AA × Fail

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 B2E3FA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

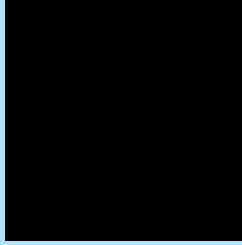
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B2E3FA Background



This preview shows how black text looks on a background with the Hex color B2E3FA.

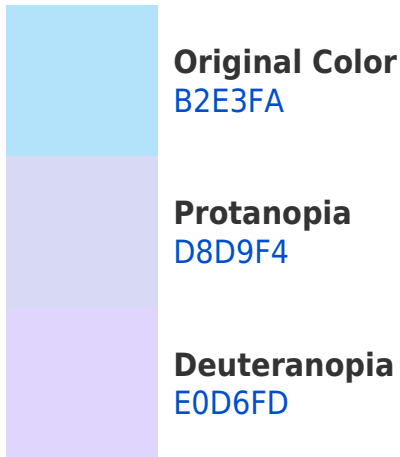


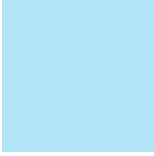
This preview shows how white text looks on a background with the Hex color B2E3FA.

# 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](#).

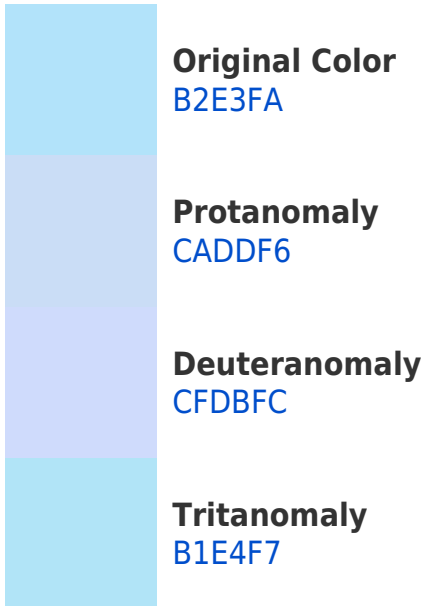
## Dichromacy



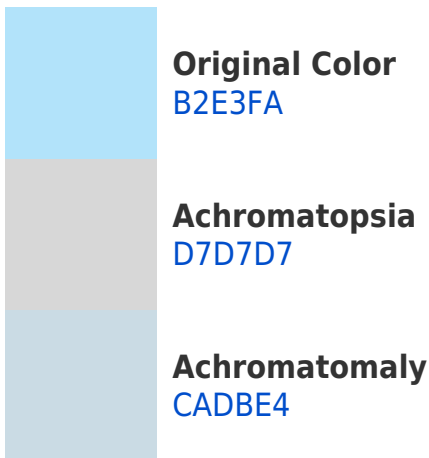


**Tritanopia**  
B1E4F6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2E3FA 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 #B2E3FA looks like.

```
.text, #text, p{  
    color:#B2E3FA  
}
```

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 #B2E3FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2E3FA
}
```

## Border

The CSS property to change the border of an element to Hex B2E3FA 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
#B2E3FA }
```

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

```
.border{ border-color:#B2E3FA }
```

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

Here you see how a box with a 4 pixel #B2E3FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2E3FA; -webkit-box-shadow:4px 4px  
4px 4px #B2E3FA; box-shadow:4px 4px 4px  
4px #B2E3FA }
```

# Background

The CSS property to change the background color of an element to Hex B2E3FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2E3FA }
```

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

```
.background{ background-color:#B2E3FA }
```

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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