

# Converting Colors

Hex(B5E2FF)

Have a look what the booklet for  
Hex(B5E2FF) contains.

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# **Color**

**Hex(B5E2FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5E2FF
RGB	181, 226, 255
RGB Percent	71%, 89%, 100%
CMY	0.2902, 0.1137, 0.0000
CMYK	0.29, 0.11, 0.00, 0.00
HSL	204°, 100%, 85%
HSV	204°, 29%, 100%
XYZ	64.3024, 71.4365, 105.0073
YIQ	215.8510, -36.1290, -0.5210

# Conversions

## Conversions Part 2

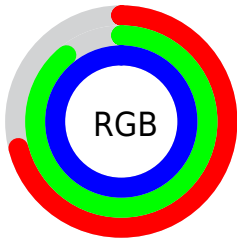
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	181, 209, 255
Decimal	11920127
CIE Lab	87.70, -8.03, -18.81
CIE LCh	88, 20.455, 246.873
Yxy	71.4365, 0.2671, 0.2967
Android (android.graphics.Color)	4290110207 (0xFFB5E2FF)
YUV	215.8510, 19.3005, -30.5643
Hunter-Lab	84.5201, -12.1084, -14.4975

# Details

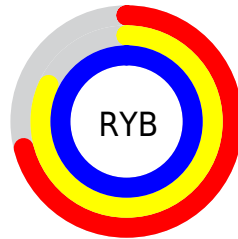
The Hex color **B5E2FF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFD2B5**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **EEFFFF**, and **7EABC6** is the 20% darker color. If you saturate the color by 10%, you get **9CD8FF**, and if you desaturate by 10%, it is **CFECFF**.

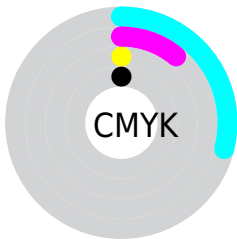
# Distribution



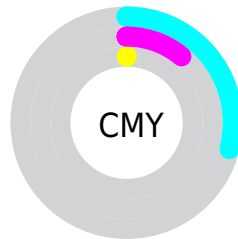
- Red (71%)
- Green (89%)
- Blue (100%)



- Red (71%)
- Yellow (82%)
- Blue (100%)



- Cyan (29%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (11%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5E2FF 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 B5E2FF by changing the saturation by 10% instead.



 B5E2FF

 B5E2FF

FFFFFF

 99C6E2


 EEEFFF

 7EABC6

 6490AB

 497790

 2F5E77

 11465E

 003046

 001B30

 00011B

 B5E2FF

 B5E2FF

 9CD8FF

 CFECFF

 82CEFF

 E8F6FF

 69C4FF

FFFFFF

 4FBAFF

 36B0FF

 1CA6FF

 039CFF

 009BFF

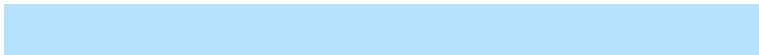
# Harmonies

## Analogous

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



A9E6F2



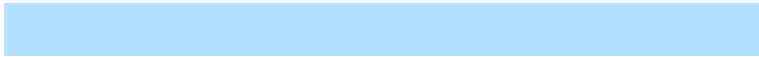
B5E2FF



CCDCFF

# Triad

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



B5E2FF



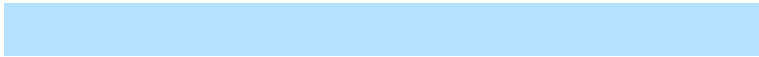
FFCED8



D1E2BC

# Complementary

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



B5E2FF



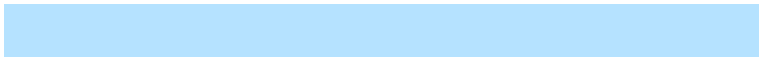
FFD2B5

# 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.



E7DCB5



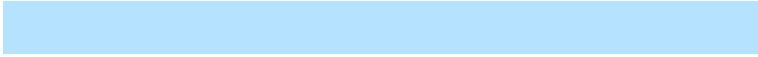
B5E2FF



FFD0C5

# Square

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



B5E2FF



F9D0EC



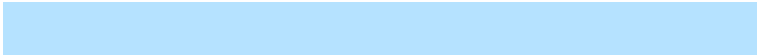
F9D6B9



BBE6CC

# Rectangle

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



B5E2FF



DDD8FE



F9D6B9

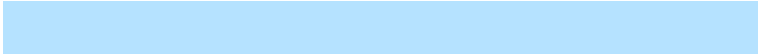


D8E0B9

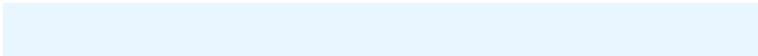


# Sweetspot

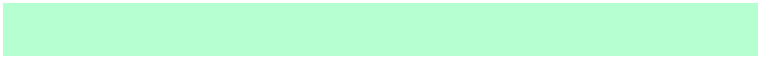
The Sweet Spot groups the original color and five complimentary colors.



B5E2FF



E8F6FF



B5FFD1



717A80



000000

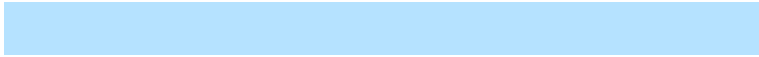


808080

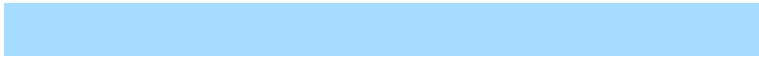


# Same Dimension

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



B5E2FF



A6DCFF



B5BEFF



737B80



0074BF



002740



# Inverse Universe

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



FFB5E2



FFA6DC



FFF6B5



80737B



BF0074

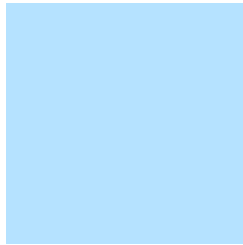


400027



# Previews

## White Background



This preview shows how the Hex color B5E2FF looks on a white background.

## Color Contrast Check

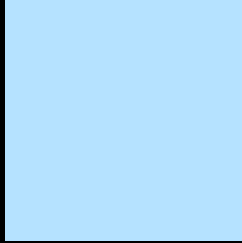
Large Text (above 18pt) WCAG AA × Fail

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 B5E2FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

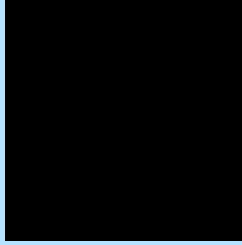
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

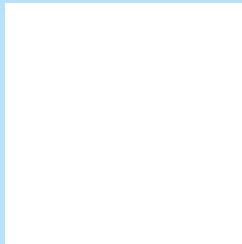
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B5E2FF Background



This preview shows how black text looks on a background with the Hex color B5E2FF.

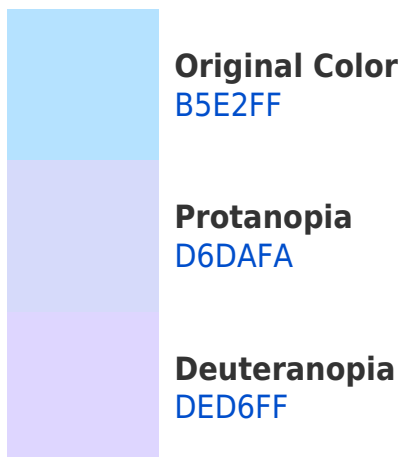


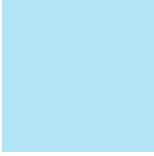
This preview shows how white text looks on a background with the Hex color B5E2FF.

# 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](#).

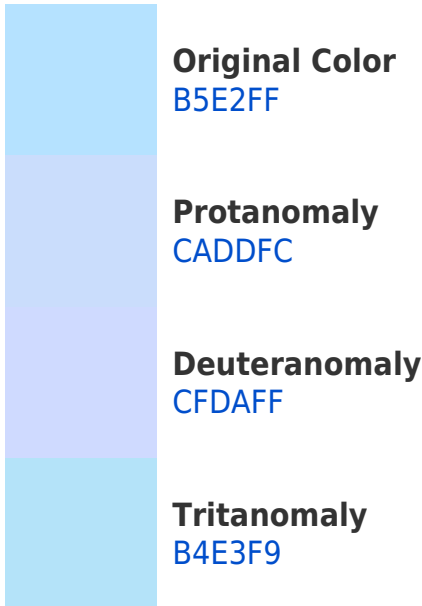
## Dichromacy



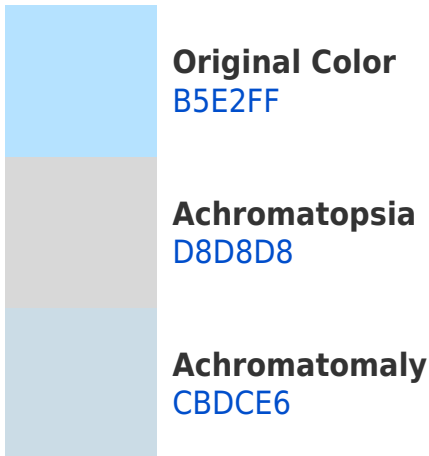


**Tritanopia**  
B3E4F6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5E2FF 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 #B5E2FF looks like.

```
.text, #text, p{  
    color:#B5E2FF  
}
```

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 #B5E2FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5E2FF }  
}
```

## Border

The CSS property to change the border of an element to Hex B5E2FF 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 #B5E2FF }  
}
```

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

```
.border{ border-color:#B5E2FF }
```

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

Here you see how a box with a 4 pixel #B5E2FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5E2FF; -webkit-box-shadow:4px 4px  
4px 4px #B5E2FF; box-shadow:4px 4px 4px  
4px #B5E2FF }
```

# Background

The CSS property to change the background color of an element to Hex B5E2FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5E2FF }
```

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

```
.background{ background-color:#B5E2FF }
```

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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