

# Converting Colors

Hex(B5D8FF)

Have a look what the booklet for  
Hex(B5D8FF) contains.

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# **Color**

**Hex(B5D8FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5D8FF
RGB	181, 216, 255
RGB Percent	71%, 85%, 100%
CMY	0.2902, 0.1529, 0.0000
CMYK	0.29, 0.15, 0.00, 0.00
HSL	212°, 100%, 85%
HSV	212°, 29%, 100%
XYZ	61.6619, 66.1555, 104.1271
YIQ	209.9810, -33.3790, 4.7090

# Conversions

## Conversions Part 2

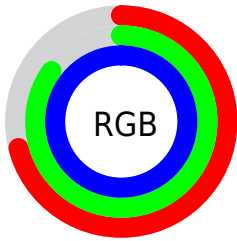
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	181, 205, 255
Decimal	11917567
CIE Lab	85.08, -2.83, -22.78
CIE LCh	85, 22.951, 262.920
Yxy	66.1555, 0.2658, 0.2852
Android (android.graphics.Color)	4290107647 (0xFFB5D8FF)
YUV	209.9810, 22.1944, -25.4163
Hunter-Lab	81.3360, -7.0148, -18.9684

# Details

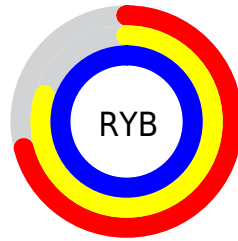
The Hex color **B5D8FF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFDCB5**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **EEFFFF**, and **7EA1C6** is the 20% darker color. If you saturate the color by 10%, you get **9CCBFF**, and if you desaturate by 10%, it is **CFE5FF**.

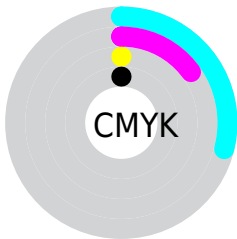
# Distribution



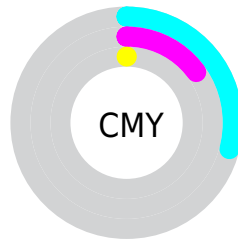
- Red (71%)
- Green (85%)
- Blue (100%)



- Red (71%)
- Yellow (80%)
- Blue (100%)



- Cyan (29%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (15%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5D8FF 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 B5D8FF by changing the saturation by 10% instead.



 B5D8FF

 B5D8FF

FFFFFF

 99BCE2

 EEEFFF

 7EA1C6

 6487AB

 4A6E90

 305677

 133F5E

 002946

 00142F

 00011A

 B5D8FF

 B5D8FF

 9CCBFF

 CFE5FF

 82BDFF

 E8F3FF

 69B0FF

FFFFFF

 4FA2FF

 3695FF

 1C87FF

 037AFF

 0079FF

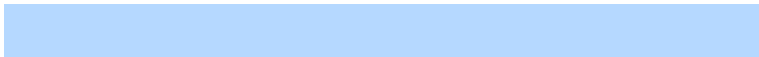
# Harmonies

## Analogous

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



9FDEF6



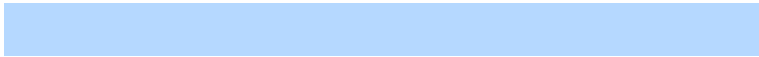
B5D8FF



D2D1FC

# Triad

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



B5D8FF



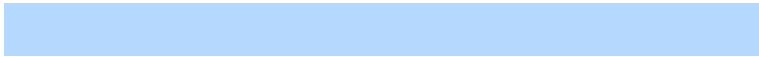
FFC6C5



BBDEBA

# Complementary

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



B5D8FF



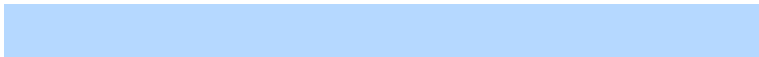
FFDCB5

# 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.



D3D8AC



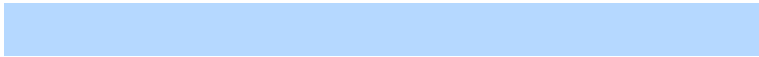
B5D8FF



FBCAB3

# Square

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



B5D8FF



FDC6DB



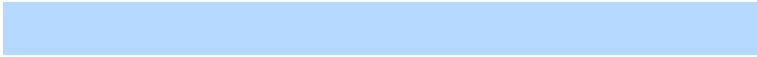
EAD1AA



A5E1CE

# Rectangle

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



B5D8FF



E4CCF4



EAD1AA

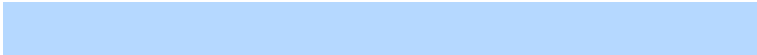


C3DCB4



# Sweetspot

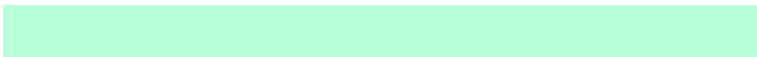
The Sweet Spot groups the original color and five complimentary colors.



B5D8FF



E8F3FF



B5FFDB



717880



000000

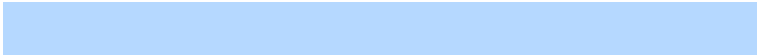


808080

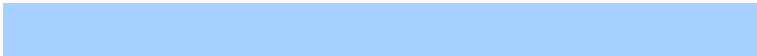


# Same Dimension

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



B5D8FF



A6D0FF



B6B5FF



737980



005ABF



001E40



# Inverse Universe

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



FFB5D8



FFA6D0



FEFFB5



807379



BF005A

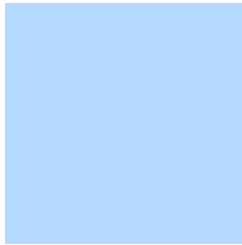


40001E



# Previews

## White Background



This preview shows how the Hex color B5D8FF looks on a white background.

## Color Contrast Check

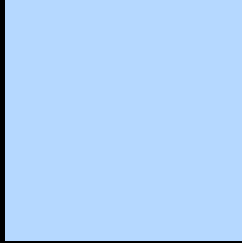
Large Text (above 18pt) WCAG AA × Fail

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 B5D8FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

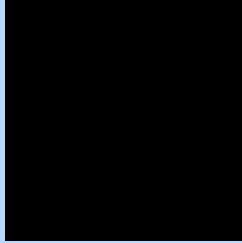
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

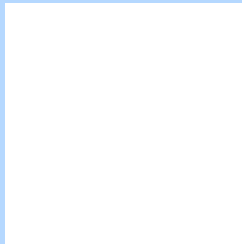
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B5D8FF Background



This preview shows how black text looks on a background with the Hex color B5D8FF.

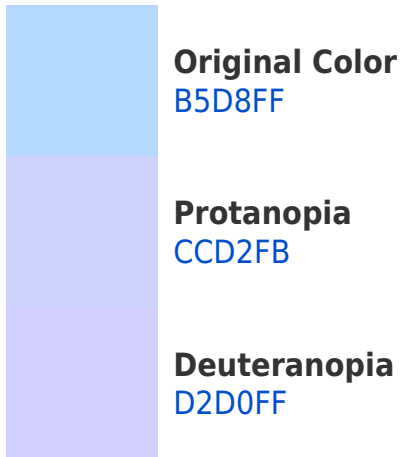


This preview shows how white text looks on a background with the Hex color B5D8FF.

# 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](#).

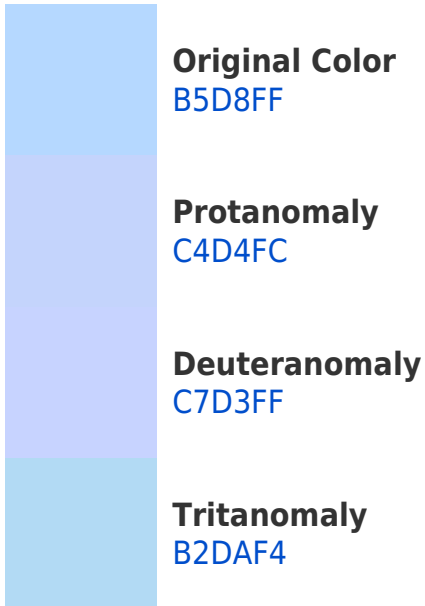
## Dichromacy



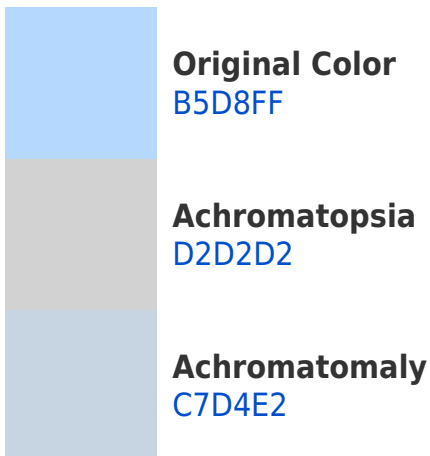


**Tritanopia**  
B1DBED

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5D8FF 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 #B5D8FF looks like.

```
.text, #text, p{  
    color:#B5D8FF  
}
```

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 #B5D8FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5D8FF
}
```

## Border

The CSS property to change the border of an element to Hex B5D8FF 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
#B5D8FF }
```

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

```
.border{ border-color:#B5D8FF }
```

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

Here you see how a box with a 4 pixel #B5D8FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5D8FF; -webkit-box-shadow:4px 4px  
4px 4px #B5D8FF; box-shadow:4px 4px 4px  
4px #B5D8FF }
```

# Background

The CSS property to change the background color of an element to Hex B5D8FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5D8FF }
```

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

```
.background{ background-color:#B5D8FF }
```

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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