

Converting Colors

Hex(B5D3FF)

Have a look what the booklet for
Hex(B5D3FF) contains.

Hex(B5D3FF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B5D3FF)

Conversions

Conversions Part 1

Format	Color
Hex	B5D3FF
RGB	181, 211, 255
RGB Percent	71%, 83%, 100%
CMY	0.2902, 0.1725, 0.0000
CMYK	0.29, 0.17, 0.00, 0.00
HSL	216°, 100%, 85%
HSV	216°, 29%, 100%
XYZ	60.4003, 63.6323, 103.7066
YIQ	207.0460, -32.0040, 7.3240

Conversions

Conversions Part 2

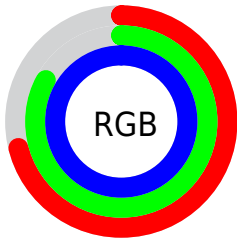
Format	Color
R_{YB}	181, 202, 255
Decimal	11916287
CIE Lab	83.77, -0.19, -24.75
CIE LCh	84, 24.756, 269.560
Yxy	63.6323, 0.2652, 0.2794
Android (android.graphics.Color)	4290106367 (0xFFB5D3FF)
YUV	207.0460, 23.6413, -22.8423
Hunter-Lab	79.7698, -4.4402, -21.2424

Details

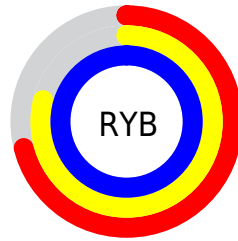
The Hex color **B5D3FF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFE1B5**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **EEFFFF**, and **7E9DC6** is the 20% darker color. If you saturate the color by 10%, you get **9CC4FF**, and if you desaturate by 10%, it is **CFE2FF**.

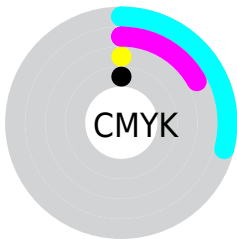
Distribution



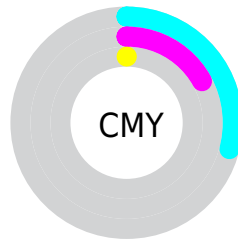
- Red (71%)
- Green (83%)
- Blue (100%)



- Red (71%)
- Yellow (79%)
- Blue (100%)



- Cyan (29%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5D3FF 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 B5D3FF by changing the saturation by 10% instead.

 B5D3FF

 B5D3FF

FFFFFF

 99B7E2

 EEEFFF

 7E9DC6

 6483AB

 4A6A90

 305176

 133B5E

 002546

 00102F

 00011A

 B5D3FF

 B5D3FF

 9CC4FF

 CFE2FF

 82B5FF

 E8F1FF

 69A6FF

FFFFFF

 4F96FF

 3687FF

 1C78FF

 0369FF

 0067FF

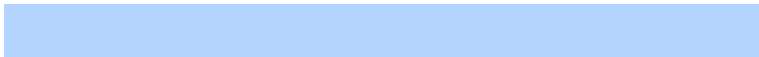
Harmonies

Analogous

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



9ADAF8



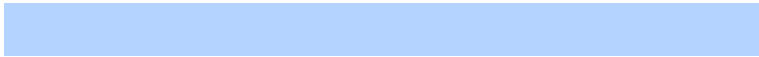
B5D3FF



D4CBF9

Triad

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



B5D3FF



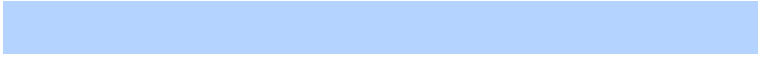
FFC2BB



AFDCB9

Complementary

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



B5D3FF



FFE1B5

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.



CAD6A8



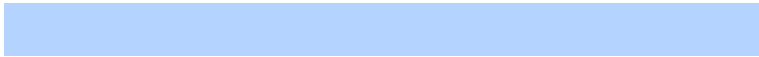
B5D3FF



F7C7A9

Square

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



B5D3FF



FEC0D2



E3CFA2



99DED0

Rectangle

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



B5D3FF



E7C6EF



E3CFA2



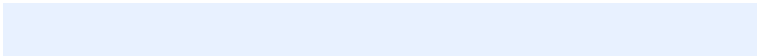
B8DAB2

Sweetspot

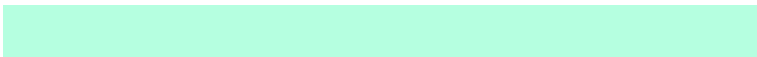
The Sweet Spot groups the original color and five complimentary colors.



B5D3FF



E8F1FF



B5FFE0



717780



000000



808080

Same Dimension

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



B5D3FF



A6CAFF



BBB5FF



737880



004EBF



001A40

Inverse Universe

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



FFB5D3



FFA6CA



F9FFB5



807378



BF004E



40001A

Previews

White Background



This preview shows how the Hex color B5D3FF looks on a white background.

Color Contrast Check

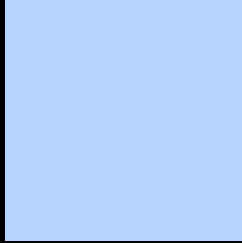
Large Text (above 18pt) WCAG AA × Fail

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 B5D3FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

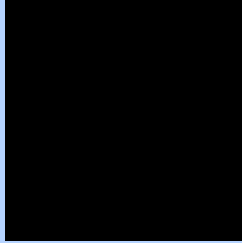
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

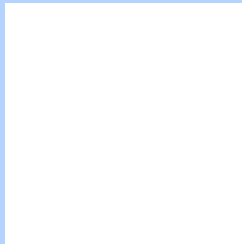
Any Text WCAG AAA ✓ Pass

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

Hex B5D3FF Background



This preview shows how black text looks on a background with the Hex color B5D3FF.

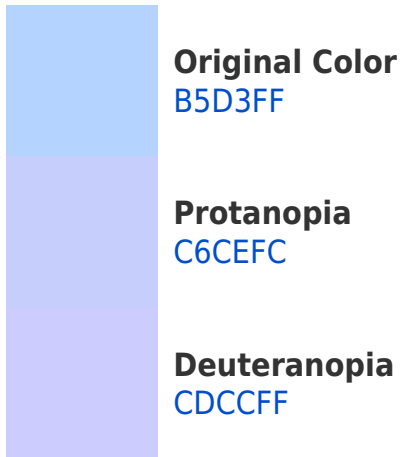


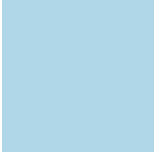
This preview shows how white text looks on a background with the Hex color B5D3FF.

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](#).

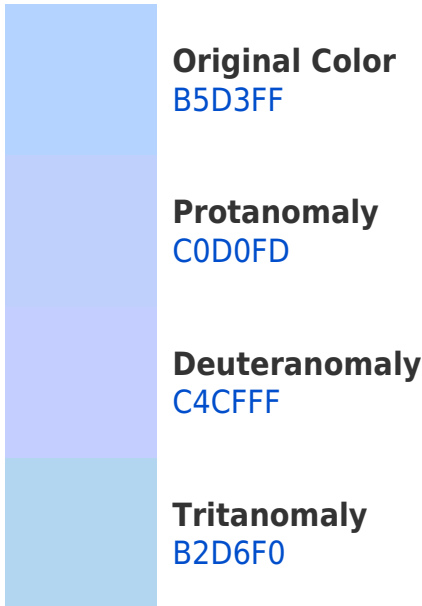
Dichromacy



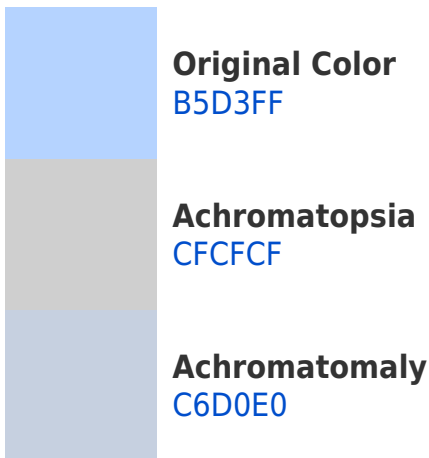


Tritanopia
B0D7E8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B5D3FF 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 #B5D3FF looks like.

```
.text, #text, p{  
    color:#B5D3FF  
}
```

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 #B5D3FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5D3FF
}
```

Border

The CSS property to change the border of an element to Hex B5D3FF 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
#B5D3FF }
```

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

```
.border{ border-color:#B5D3FF }
```

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

Here you see how a box with a 4 pixel #B5D3FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5D3FF; -webkit-box-shadow:4px 4px  
4px 4px #B5D3FF; box-shadow:4px 4px 4px  
4px #B5D3FF }
```

Background

The CSS property to change the background color of an element to Hex B5D3FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5D3FF }
```

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

```
.background{ background-color:#B5D3FF }
```

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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