

Converting Colors

Hex(B0D2F8)

Have a look what the booklet for
Hex(B0D2F8) contains.

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Color

Hex(B0D2F8)

Conversions

Conversions Part 1

Format	Color
Hex	B0D2F8
RGB	176, 210, 248
RGB Percent	69%, 82%, 97%
CMY	0.3098, 0.1765, 0.0275
CMYK	0.29, 0.15, 0.00, 0.03
HSL	212°, 84%, 83%
HSV	212°, 29%, 97%
XYZ	57.8944, 62.1006, 97.7422
YIQ	204.1660, -32.4620, 4.6100

Conversions

Conversions Part 2

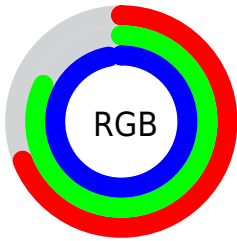
Format	Color
RYB	176, 199, 248
Decimal	11588344
CIELab	82.97, -2.74, -22.30
CIELCh	83, 22.467, 262.993
Yxy	62.1006, 0.2659, 0.2852
Android (android.graphics.Color)	4289778424 (0xFFB0D2F8)
YUV	204.1660, 21.6102, -24.7016
Hunter-Lab	78.8039, -6.7695, -18.3759

Details

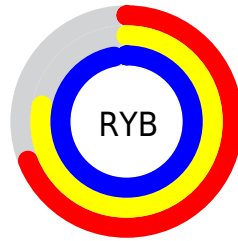
The Hex color **B0D2F8** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F8D6B0**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **E9FFFF**, and **7A9CC0** is the 20% darker color. If you saturate the color by 10%, you get **97C5F8**, and if you desaturate by 10%, it is **C9DFF8**.

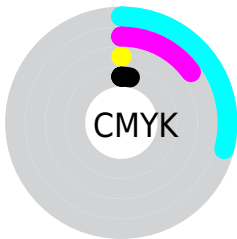
Distribution



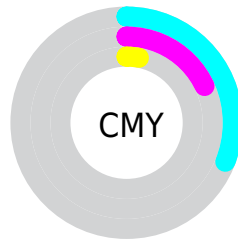
- Red (69%)
- Green (82%)
- Blue (97%)



- Red (69%)
- Yellow (78%)
- Blue (97%)



- Cyan (29%)
- Magenta (15%)
- Yellow (0%)
- Black (3%)



- Cyan (31%)
- Magenta (18%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0D2F8 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 B0D2F8 by changing the saturation by 10% instead.

 B0D2F8

 B0D2F8

FFFFFF

 95B6DB

 E9FFFF

 7A9CC0

 5F82A4

 46698A

 2B5170

 0E3A58

 002440

 000F2A

 000115

 B0D2F8

 B0D2F8

 97C5F8

 C9DFF8

 7EB8F8

 E2ECF8

 66ABF8

 FAF9F8

 4D9EF8

 FFFFF8

 3491F8

 1B83F8

 0276F8

 0075F8

Harmonies

Analogous

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



9BD8F0



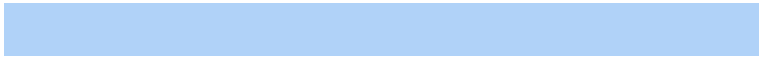
B0D2F8



CCCBF5

Triad

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



B0D2F8



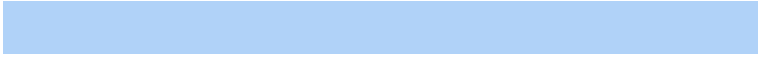
FBC0BF



B5D8B5

Complementary

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



B0D2F8



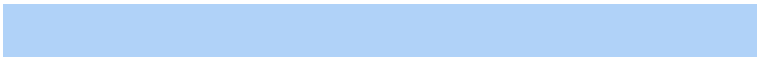
F8D6B0

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.



CDD2A8



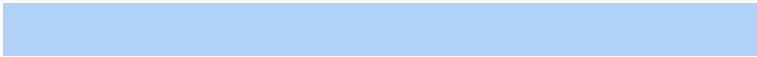
B0D2F8



F4C5AE

Square

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



B0D2F8



F6C0D4



E4CBA5



A0DBC9

Rectangle

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



B0D2F8



DEC6EE



E4CBA5



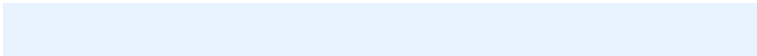
BDD6AF

Sweetspot

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



B0D2F8



E8F3FF



B0F8D5



717880



000000



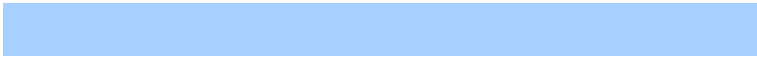
808080

Same Dimension

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



B0D2F8



A6D0FF



B1B0F8



70767D



0059BD



001D3D

Inverse Universe

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



F8B0D2



FFA6D0



F7F8B0



7D7076



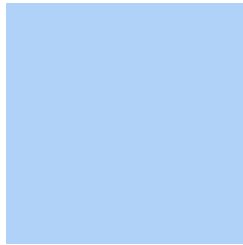
BD0059



3D001D

Previews

White Background



This preview shows how the Hex color B0D2F8 looks on a white background.

Color Contrast Check

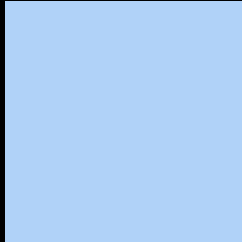
Large Text (above 18pt) WCAG AA × Fail

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 B0D2F8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

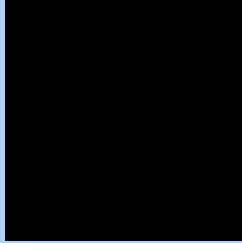
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

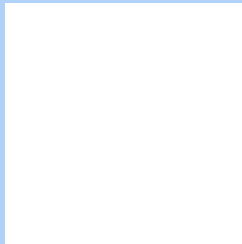
Any Text WCAG AAA ✓ Pass

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

Hex B0D2F8 Background



This preview shows how black text looks on a background with the Hex color B0D2F8.

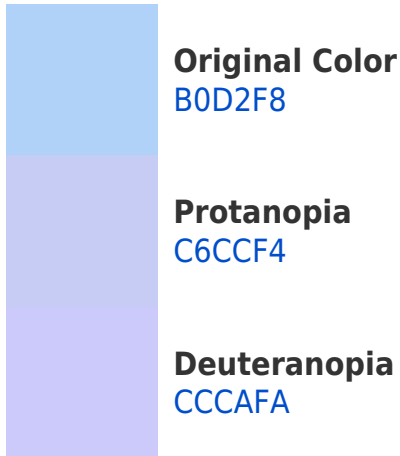


This preview shows how white text looks on a background with the Hex color B0D2F8.

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](#).

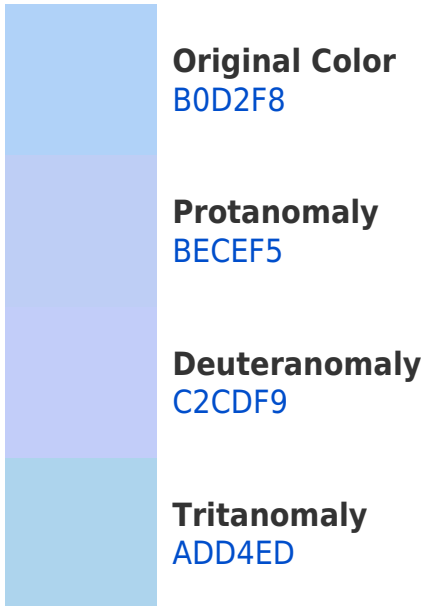
Dichromacy



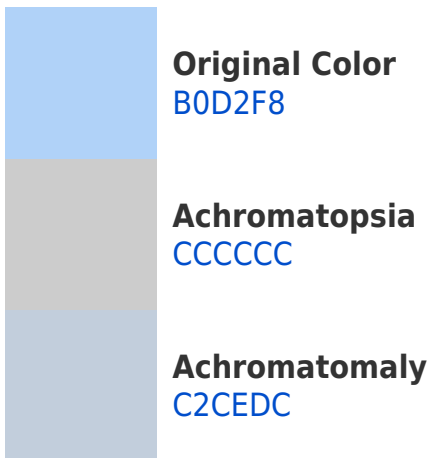


Tritanopia
ACD5E6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0D2F8 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 #B0D2F8 looks like.

```
.text, #text, p{  
    color:#B0D2F8  
}
```

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 #B0D2F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0D2F8
}
```

Border

The CSS property to change the border of an element to Hex B0D2F8 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
#B0D2F8 }
```

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

```
.border{ border-color:#B0D2F8 }
```

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

Here you see how a box with a 4 pixel #B0D2F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0D2F8; -webkit-box-shadow:4px 4px  
4px 4px #B0D2F8; box-shadow:4px 4px 4px  
4px #B0D2F8 }
```

Background

The CSS property to change the background color of an element to Hex B0D2F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0D2F8 }
```

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

```
.background{ background-color:#B0D2F8 }
```

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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