

Converting Colors

Hex(B0D1F3)

Have a look what the booklet for
Hex(B0D1F3) contains.

Hex(B0D1F3)	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(B0D1F3)

Conversions

Conversions Part 1

Format	Color
Hex	B0D1F3
RGB	176, 209, 243
RGB Percent	69%, 82%, 95%
CMY	0.3098, 0.1804, 0.0471
CMYK	0.28, 0.14, 0.00, 0.05
HSL	210°, 74%, 82%
HSV	210°, 28%, 95%
XYZ	56.8826, 61.3021, 93.6285
YIQ	203.0090, -30.5820, 3.5780

Conversions

Conversions Part 2

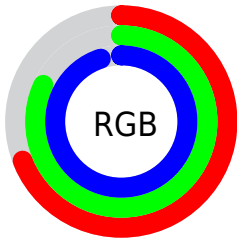
Format	Color
R _Y B	176, 198, 243
Decimal	11588083
CIE Lab	82.54, -3.39, -20.29
CIE LCh	83, 20.569, 260.519
Yxy	61.3021, 0.2686, 0.2894
Android (android.graphics.Color)	4289778163 (0xFFB0D1F3)
YUV	203.0090, 19.7156, -23.6869
Hunter-Lab	78.2957, -7.3353, -16.0939

Details

The Hex color **B0D1F3** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F3D2B0**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **E9FFFF**, and **7A9BBB** is the 20% darker color. If you saturate the color by 10%, you get **98C5F3**, and if you desaturate by 10%, it is **C8DDF3**.

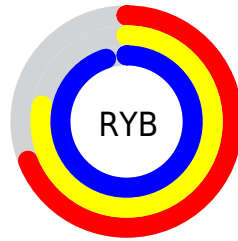
Distribution



Red (69%)

Green (82%)

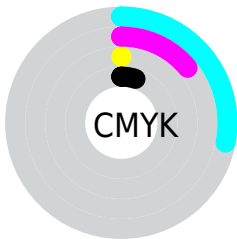
Blue (95%)



Red (69%)

Yellow (78%)

Blue (95%)

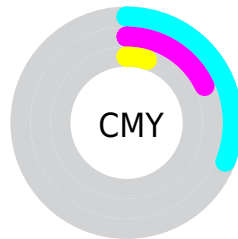


Cyan (28%)

Magenta (14%)

Yellow (0%)

Black (5%)



Cyan (31%)

Magenta (18%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0D1F3 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 B0D1F3 by changing the saturation by 10% instead.

 B0D1F3

 B0D1F3

FFFFFF

 95B5D7


 E9FFFF

 7A9BBB

 6081A0

 466886

 2D506C

 113954

 00233D

 000E27

 000111

 B0D1F3

 B0D1F3

 98C5F3

 C8DDF3

 7FB8F3

 E1EAF3

 67ACF3

 F9F6F3

 4FA0F3

 FFFFF3

 3793F3

 1E87F3

 067BF3

 0078F3

Harmonies

Analogous

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



9ED6EB



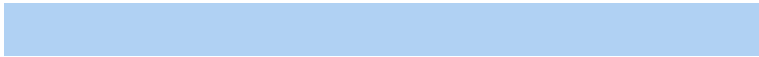
B0D1F3



C9CBF1

Triad

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



B0D1F3



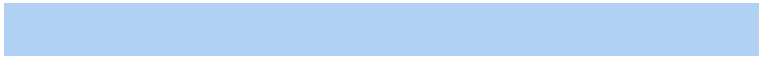
F6C0C1



B8D5B4

Complementary

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



B0D1F3



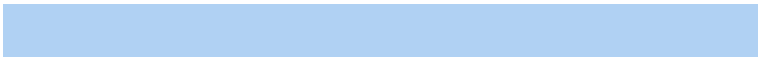
F3D2B0

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.



CED0A9



B0D1F3



F1C4B0

Square

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



B0D1F3



F1C0D4



E2CAA8



A5D8C6

Rectangle

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



B0D1F3



D9C6EB



E2CAA8



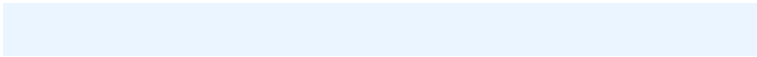
BFD4B0

Sweetspot

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



B0D1F3



EBF5FF



B0F3D1



737980



000000



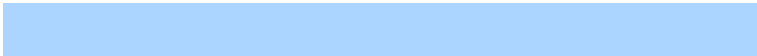
808080

Same Dimension

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



B0D1F3



ABD4FF



B0B0F3



6E747A



005CBA



001D3B

Inverse Universe

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



F3B0D1



FFABD4



F3F3B0



7A6E74



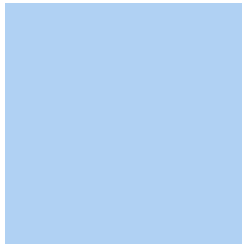
BA005C



3B001D

Previews

White Background



This preview shows how the Hex color B0D1F3 looks on a white background.

Color Contrast Check

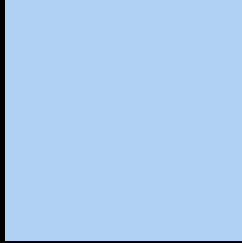
Large Text (above 18pt) WCAG AA × Fail

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 B0D1F3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

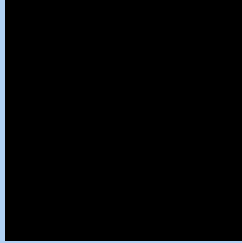
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

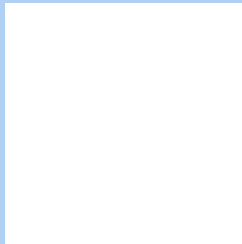
Any Text WCAG AAA ✓ Pass

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

Hex B0D1F3 Background



This preview shows how black text looks on a background with the Hex color B0D1F3.

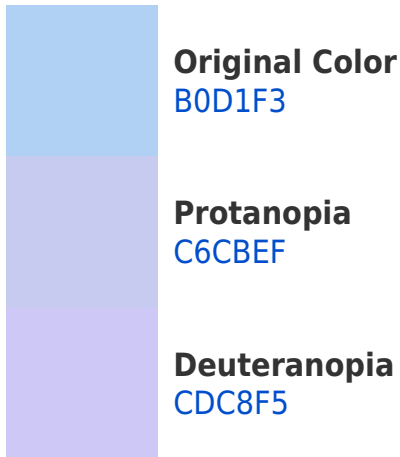


This preview shows how white text looks on a background with the Hex color B0D1F3.

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](#).

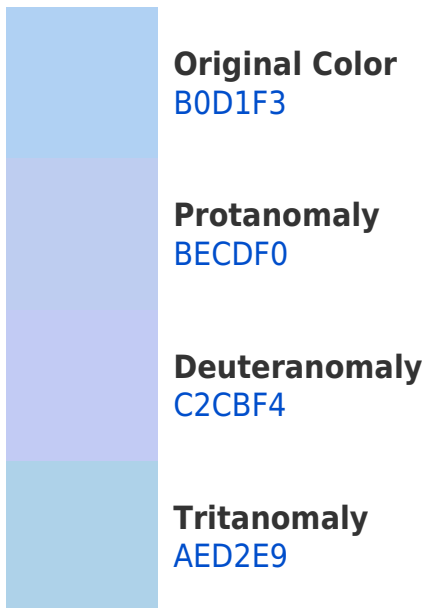
Dichromacy



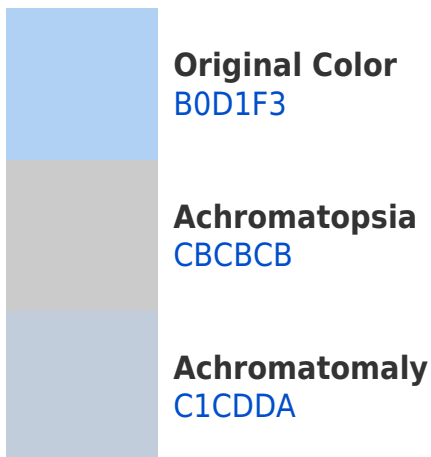


Tritanopia
ADD3E4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0D1F3 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 #B0D1F3 looks like.

```
.text, #text, p{  
    color:#B0D1F3  
}
```

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 #B0D1F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0D1F3
}
```

Border

The CSS property to change the border of an element to Hex B0D1F3 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
#B0D1F3 }
```

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

```
.border{ border-color:#B0D1F3 }
```

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

Here you see how a box with a 4 pixel #B0D1F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0D1F3; -webkit-box-shadow:4px 4px  
4px 4px #B0D1F3; box-shadow:4px 4px 4px  
4px #B0D1F3 }
```

Background

The CSS property to change the background color of an element to Hex B0D1F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0D1F3 }
```

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

```
.background{ background-color:#B0D1F3 }
```

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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