

Converting Colors

Hex(B0D2F3)

Have a look what the booklet for
Hex(B0D2F3) contains.

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Color

Hex(B0D2F3)

Conversions

Conversions Part 1

Format	Color
Hex	B0D2F3
RGB	176, 210, 243
RGB Percent	69%, 82%, 95%
CMY	0.3098, 0.1765, 0.0471
CMYK	0.28, 0.14, 0.00, 0.05
HSL	210°, 74%, 82%
HSV	210°, 28%, 95%
XYZ	57.1288, 61.7944, 93.7105
YIQ	203.5960, -30.8570, 3.0550

Conversions

Conversions Part 2

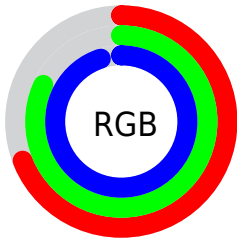
Format	Color
R _Y B	176, 199, 243
Decimal	11588339
CIE Lab	82.80, -3.92, -19.89
CIE LCh	83, 20.272, 258.865
Yxy	61.7944, 0.2687, 0.2906
Android (android.graphics.Color)	4289778419 (0xFFB0D2F3)
YUV	203.5960, 19.4262, -24.2017
Hunter-Lab	78.6094, -7.8430, -15.6532

Details

The Hex color **B0D2F3** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F3D1B0**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **E9FFFF**, and **7A9CBB** is the 20% darker color. If you saturate the color by 10%, you get **98C6F3**, and if you desaturate by 10%, it is **C8DEF3**.

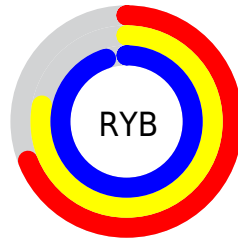
Distribution



Red (69%)

Green (82%)

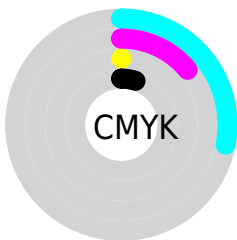
Blue (95%)



Red (69%)

Yellow (78%)

Blue (95%)

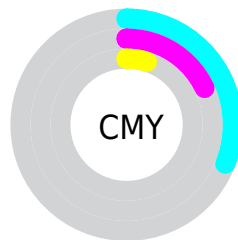


Cyan (28%)

Magenta (14%)

Yellow (0%)

Black (5%)



Cyan (31%)

Magenta (18%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0D2F3 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 B0D2F3 by changing the saturation by 10% instead.

 B0D2F3

 B0D2F3

FFFFFF

 95B6D7


 E9FFFF

 7A9CBB

 6082A0

 466986

 2D506C

 113A54

 00243D

 000F27

 000111

 B0D2F3

 B0D2F3

 98C6F3

 C8DEF3

 7FB AF3

 E1EAF3

 67AEF3

 F9F6F3

 4FA2F3

 FFFFF3

 3796F3

 1E8AF3

 067EF3

 007BF3

Harmonies

Analogous

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



9FD7EA



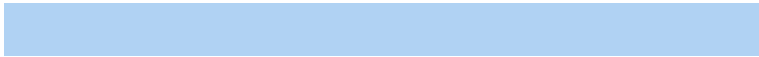
B0D2F3



C8CCF2

Triad

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



B0D2F3



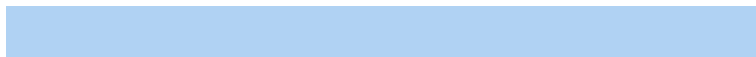
F6C1C3



BAD6B5

Complementary

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



B0D2F3



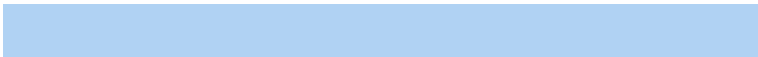
F3D1B0

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.



D0D1AA



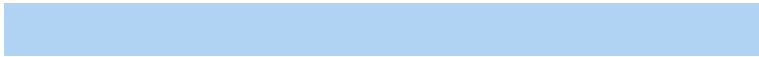
B0D2F3



F2C5B2

Square

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



B0D2F3



F0C2D6



E4CAA9



A7D9C6

Rectangle

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



B0D2F3



D9C7EC



E4CAA9



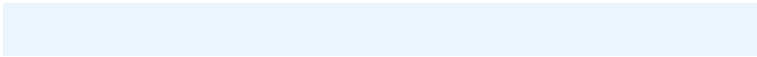
C2D4B0

Sweetspot

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



B0D2F3



EBF5FF



B0F3D0



737980



000000



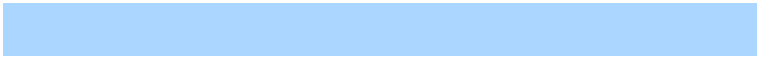
808080

Same Dimension

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



B0D2F3



ABD6FF



B0B1F3



6E747A



005EBA



001E3B

Inverse Universe

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



F3B0D2



FFABD6



F3F2B0



7A6E74



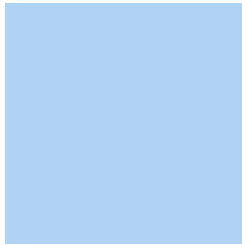
BA005E



3B001E

Previews

White Background



This preview shows how the Hex color B0D2F3 looks on a white background.

Color Contrast Check

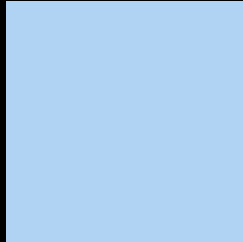
Large Text (above 18pt) WCAG AA × Fail

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 B0D2F3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

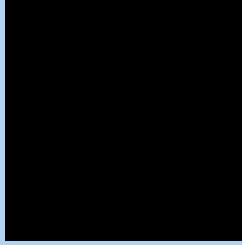
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

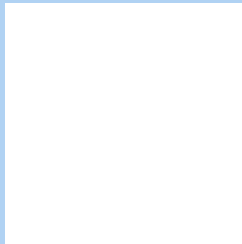
Any Text WCAG AAA ✓ Pass

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

Hex B0D2F3 Background



This preview shows how black text looks on a background with the Hex color B0D2F3.

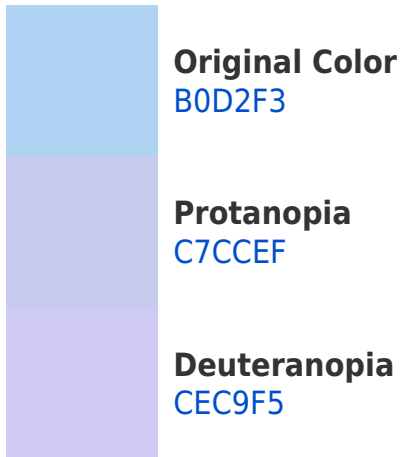


This preview shows how white text looks on a background with the Hex color B0D2F3.

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



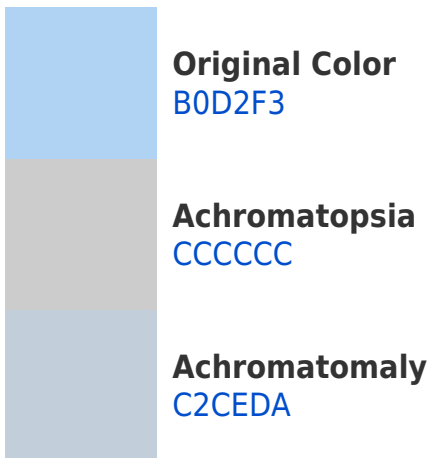


Tritanopia
ADD4E5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0D2F3 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 #B0D2F3 looks like.

```
.text, #text, p{  
    color:#B0D2F3  
}
```

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 #B0D2F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0D2F3
}
```

Border

The CSS property to change the border of an element to Hex B0D2F3 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
#B0D2F3 }
```

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

```
.border{ border-color:#B0D2F3 }
```

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

Here you see how a box with a 4 pixel #B0D2F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0D2F3; -webkit-box-shadow:4px 4px  
4px 4px #B0D2F3; box-shadow:4px 4px 4px  
4px #B0D2F3 }
```

Background

The CSS property to change the background color of an element to Hex B0D2F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0D2F3 }
```

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

```
.background{ background-color:#B0D2F3 }
```

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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