

Converting Colors

Hex(B2D9F3)

Have a look what the booklet for
Hex(B2D9F3) contains.

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Color

Hex(B2D9F3)

Conversions

Conversions Part 1

Format	Color
Hex	B2D9F3
RGB	178, 217, 243
RGB Percent	70%, 85%, 95%
CMY	0.3020, 0.1490, 0.0471
CMYK	0.27, 0.11, 0.00, 0.05
HSL	204°, 73%, 83%
HSV	204°, 27%, 95%
XYZ	59.3506, 65.5618, 94.3206
YIQ	208.3030, -31.5900, -0.1820

Conversions

Conversions Part 2

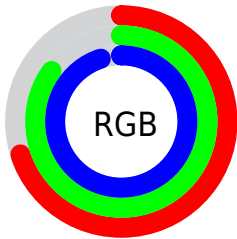
Format	Color
RYB	178, 202, 243
Decimal	11721203
CIELab	84.77, -7.00, -16.91
CIELCh	85, 18.300, 247.514
Yxy	65.5618, 0.2707, 0.2991
Android (android.graphics.Color)	4289911283 (0xFFB2D9F3)
YUV	208.3030, 17.1056, -26.5757
Hunter-Lab	80.9702, -10.8586, -12.3866

Details

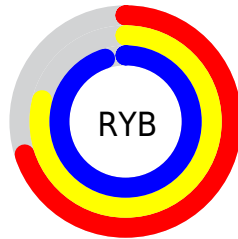
The Hex color **B2D9F3** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F3CCB2**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **EBFFFF**, and **7CA2BB** is the 20% darker color. If you saturate the color by 10%, you get **9ACFF3**, and if you desaturate by 10%, it is **CAE3F3**.

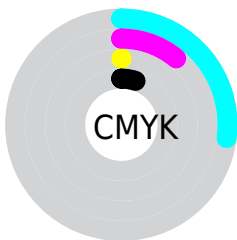
Distribution



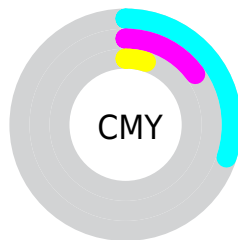
- Red (70%)
- Green (85%)
- Blue (95%)



- Red (70%)
- Yellow (79%)
- Blue (95%)



- Cyan (27%)
- Magenta (11%)
- Yellow (0%)
- Black (5%)



- Cyan (30%)
- Magenta (15%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2D9F3 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 B2D9F3 by changing the saturation by 10% instead.

 B2D9F3

 B2D9F3

FFFFFF

 97BDD7

 EBFFFF

 7CA2BB

 6288A0

 486F86

 2F566C

 133F54

 00293D

 001527

 000112

 B2D9F3

 B2D9F3

 9ACFF3

 CAE3F3

 81C6F3

 E3ECF3

 69BCF3

 FBF6F3

 51B2F3

 FFFFF3

 38A8F3

 209FF3

 0895F3

 0092F3

Harmonies

Analogous

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



A7DDE8



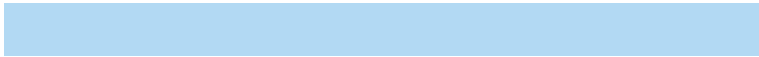
B2D9F3



C6D4F6

Triad

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



B2D9F3



F7C8D0



C9D9B8

Complementary

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



B2D9F3



F3CCB2

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.



DDD4B1



B2D9F3



F7CABF

Square

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



B2D9F3



EEC9E1



EDCEB4



B6DDC6

Rectangle

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



B2D9F3



D5D0F2



EDCEB4



D0D7B5

Sweetspot

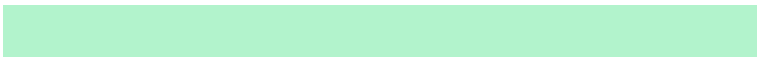
The Sweet Spot groups the original color and five complimentary colors.



B2D9F3



EBF7FF



B2F3CC



737A80



000000



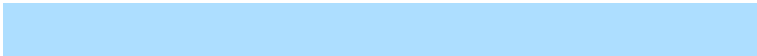
808080

Same Dimension

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



B2D9F3



ADDEFF



B2B8F3



6E767A



0070BA



00233B

Inverse Universe

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



F3B2D9



FFADDE



F3ECB2



7A6E76



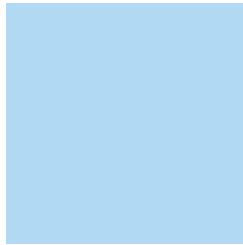
BA0070



3B0023

Previews

White Background



This preview shows how the Hex color B2D9F3 looks on a white background.

Color Contrast Check

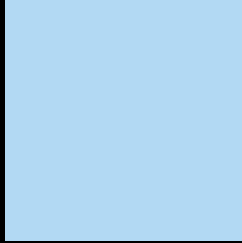
Large Text (above 18pt) WCAG AA × Fail

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 B2D9F3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

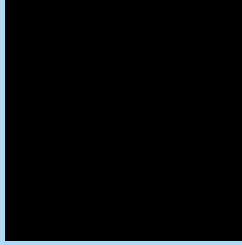
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

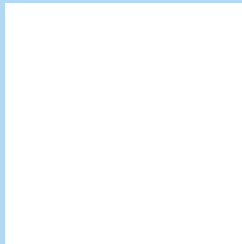
Any Text WCAG AAA ✓ Pass

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

Hex B2D9F3 Background



This preview shows how black text looks on a background with the Hex color B2D9F3.

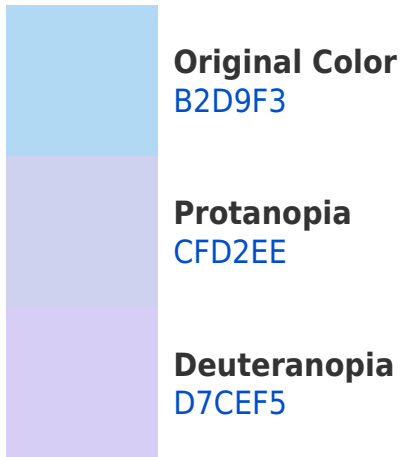


This preview shows how white text looks on a background with the Hex color B2D9F3.

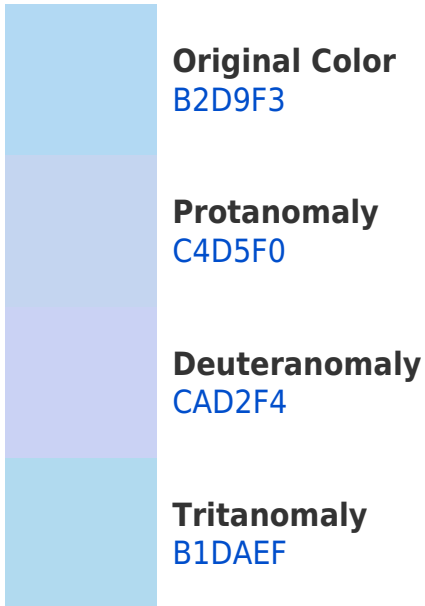
Color Blindness Simulation

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](#).

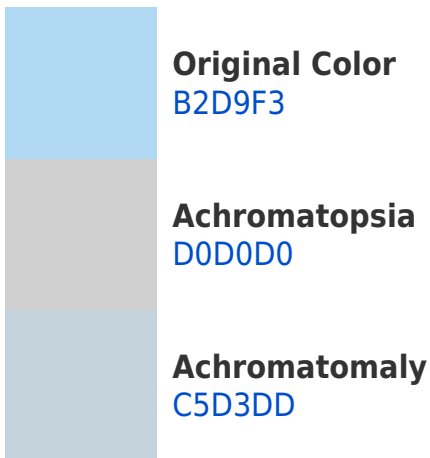
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B2D9F3 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 #B2D9F3 looks like.

```
.text, #text, p{  
    color:#B2D9F3  
}
```

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 #B2D9F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2D9F3
}
```

Border

The CSS property to change the border of an element to Hex B2D9F3 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
#B2D9F3 }
```

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

```
.border{ border-color:#B2D9F3 }
```

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

Here you see how a box with a 4 pixel #B2D9F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2D9F3; -webkit-box-shadow:4px 4px  
4px 4px #B2D9F3; box-shadow:4px 4px 4px  
4px #B2D9F3 }
```

Background

The CSS property to change the background color of an element to Hex B2D9F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2D9F3 }
```

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

```
.background{ background-color:#B2D9F3 }
```

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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