

Converting Colors

Hex(B0D6F5)

Have a look what the booklet for
Hex(B0D6F5) contains.

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Color

Hex(B0D6F5)

Conversions

Conversions Part 1

Format	Color
Hex	B0D6F5
RGB	176, 214, 245
RGB Percent	69%, 84%, 96%
CMY	0.3098, 0.1608, 0.0392
CMYK	0.28, 0.13, 0.00, 0.04
HSL	207°, 78%, 83%
HSV	207°, 28%, 96%
XYZ	58.4325, 63.9158, 95.6435
YIQ	206.1720, -32.5990, 1.5850

Conversions

Conversions Part 2

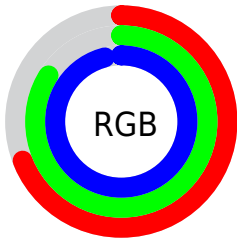
Format	Color
R _Y B	176, 201, 245
Decimal	11589365
CIE Lab	83.92, -5.55, -19.26
CIE LCh	84, 20.045, 253.932
Yxy	63.9158, 0.2680, 0.2932
Android (android.graphics.Color)	4289779445 (0xFFB0D6F5)
YUV	206.1720, 19.1422, -26.4608
Hunter-Lab	79.9474, -9.4446, -14.9673

Details

The Hex color **B0D6F5** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F5CFB0**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **E9FFFF**, and **7A9FBD** is the 20% darker color. If you saturate the color by 10%, you get **97CBF5**, and if you desaturate by 10%, it is **C9E1F5**.

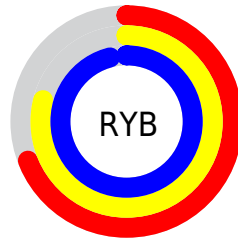
Distribution



Red (69%)

Green (84%)

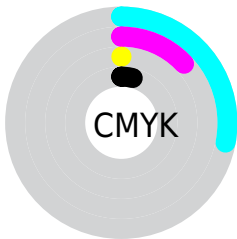
Blue (96%)



Red (69%)

Yellow (79%)

Blue (96%)

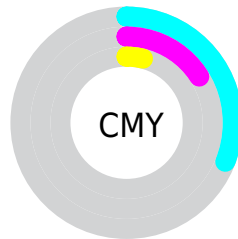


Cyan (28%)

Magenta (13%)

Yellow (0%)

Black (4%)



Cyan (31%)

Magenta (16%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0D6F5 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 B0D6F5 by changing the saturation by 10% instead.

 B0D6F5

 B0D6F5

FFFFFF

 95BAD9

 E9FFFF

 7A9FBD

 6085A2

 466C87

 2C546E

 0F3D56

 00273E

 001328

 000113

 B0D6F5

 B0D6F5

 97CBF5

 C9E1F5

 7FC0F5

 E1ECF5

 66B5F5

 FAF7F5

 4EAAF5

 FFFFF5

 359FF5

 1D94F5

 0589F5

 0087F5

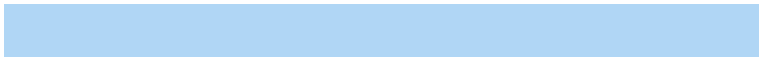
Harmonies

Analogous

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



A1DAEB



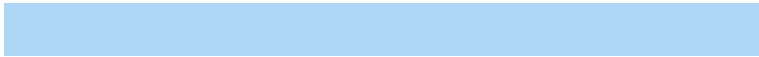
B0D6F5



C8D0F6

Triad

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



B0D6F5



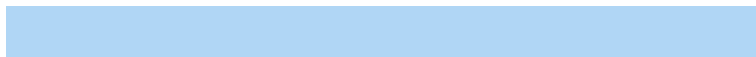
F9C4C9



C1D8B6

Complementary

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



B0D6F5



F5CFB0

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.



D7D3AD



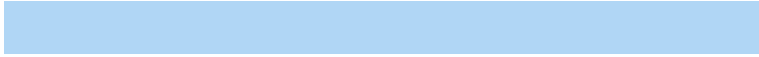
B0D6F5



F6C7B8

Square

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



B0D6F5



F1C5DC



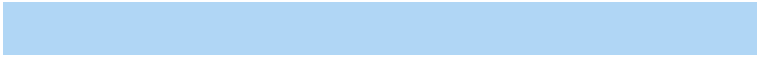
EACDAD



ADDBC6

Rectangle

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



B0D6F5



D8CCF1



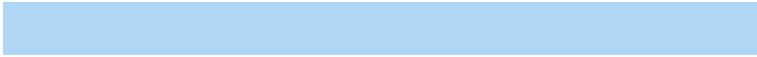
EACDAD



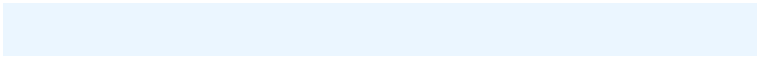
C8D7B2

Sweetspot

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



B0D6F5



EBF6FF



B0F5CE



737A80



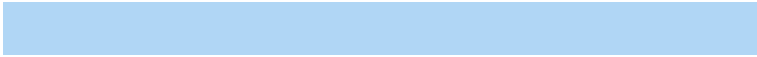
000000



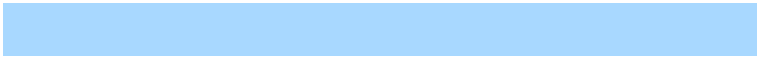
808080

Same Dimension

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



B0D6F5



A8D8FF



B0B5F5



6E757A



0067BA



00203B

Inverse Universe

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



F5B0D6



FFA8D8



F5F0B0



7A6E75



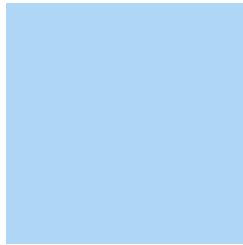
BA0067



3B0020

Previews

White Background



This preview shows how the Hex color B0D6F5 looks on a white background.

Color Contrast Check

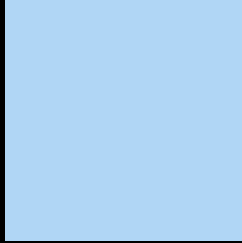
Large Text (above 18pt) WCAG AA × Fail

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 B0D6F5 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

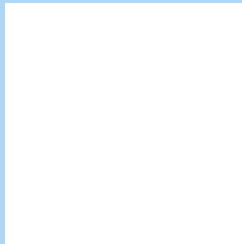
Any Text WCAG AAA ✓ Pass

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

Hex B0D6F5 Background



This preview shows how black text looks on a background with the Hex color B0D6F5.

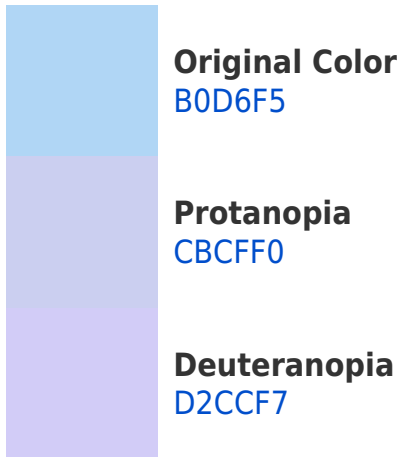


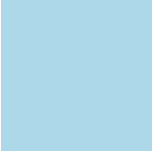
This preview shows how white text looks on a background with the Hex color B0D6F5.

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](#).

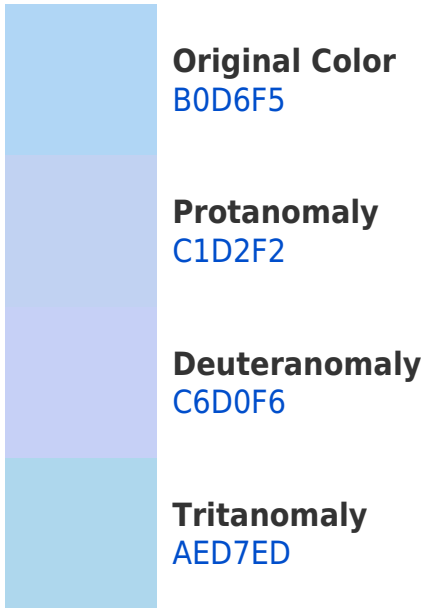
Dichromacy



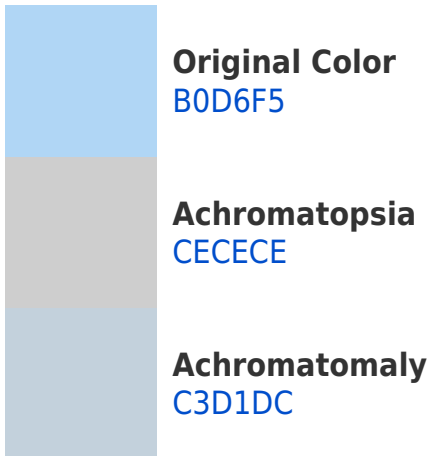


Tritanopia
ADD8E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0D6F5 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 #B0D6F5 looks like.

```
.text, #text, p{  
    color:#B0D6F5  
}
```

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 #B0D6F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0D6F5  
}
```

Border

The CSS property to change the border of an element to Hex B0D6F5 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  
#B0D6F5 }
```

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

```
.border{ border-color:#B0D6F5 }
```

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

Here you see how a box with a 4 pixel #B0D6F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0D6F5; -webkit-box-shadow:4px 4px  
4px 4px #B0D6F5; box-shadow:4px 4px 4px  
4px #B0D6F5 }
```

Background

The CSS property to change the background color of an element to Hex B0D6F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0D6F5 }
```

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

```
.background{ background-color:#B0D6F5 }
```

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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