

Converting Colors

Hex(B5DEFA)

Have a look what the booklet for
Hex(B5DEFA) contains.

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Color

Hex(B5DEFA)

Conversions

Conversions Part 1

Format	Color
Hex	B5DEFA
RGB	181, 222, 250
RGB Percent	71%, 87%, 98%
CMY	0.2902, 0.1294, 0.0196
CMYK	0.28, 0.11, 0.00, 0.02
HSL	204°, 87%, 85%
HSV	204°, 28%, 98%
XYZ	62.4327, 68.9684, 100.4642
YIQ	212.9330, -33.4240, 0.0160

Conversions

Conversions Part 2

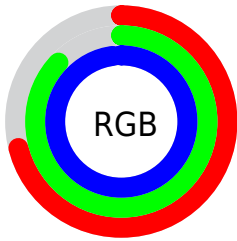
Format	Color
R _Y B	181, 207, 250
Decimal	11919098
CIE Lab	86.49, -7.12, -18.00
CIE LCh	86, 19.360, 248.415
Yxy	68.9684, 0.2693, 0.2975
Android (android.graphics.Color)	4290109178 (0xFFB5DEFA)
YUV	212.9330, 18.2740, -28.0052
Hunter-Lab	83.0472, -11.1412, -13.5914

Details

The Hex color **B5DEFA** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FAD1B5**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **EEFFFF**, and **7FA7C1** is the 20% darker color. If you saturate the color by 10%, you get **9CD4FA**, and if you desaturate by 10%, it is **CEE8FA**.

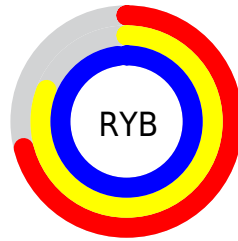
Distribution



Red (71%)

Green (87%)

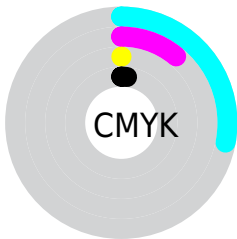
Blue (98%)



Red (71%)

Yellow (81%)

Blue (98%)

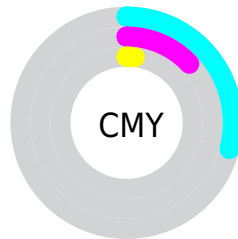


Cyan (28%)

Magenta (11%)

Yellow (0%)

Black (2%)



Cyan (29%)

Magenta (13%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5DEFA 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 B5DEFA by changing the saturation by 10% instead.

 B5DEFA

 B5DEFA

FFFFFF


 99C2DD

 EEEFFF

 7FA7C1

 648DA6

 4A738C

 315B72

 15435A

 002D42

 00192C

 000117

 B5DEFA

 B5DEFA

 9CD4FA

 CEE8FA

 83CAFA

 E7F2FA

 6AC0FA

 FFFCFA

 51B5FA

 FFFFFA

 38ABFA

 1FA1FA

 0697FA

 0095FA

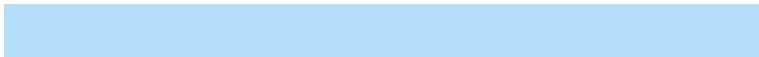
Harmonies

Analogous

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



A9E2EF



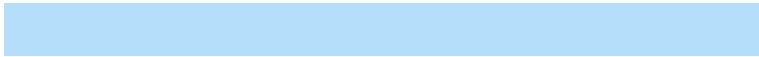
B5DEFA



CBD8FC

Triad

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



B5DEFA



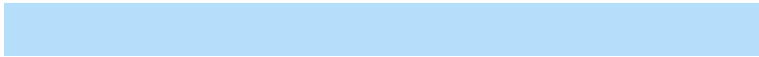
FFCCD4



CDDEBB

Complementary

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



B5DEFA



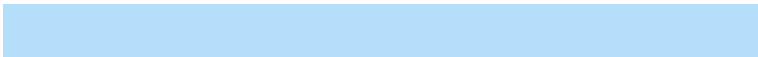
FAD1B5

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.



E2D9B4



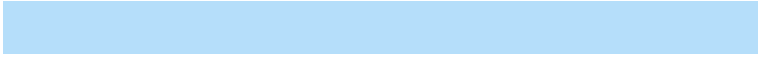
B5DEFA



FECEC2

Square

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



B5DEFA



F5CDE6



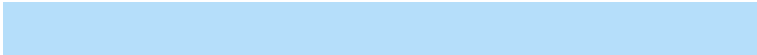
F3D3B7



B9E2CA

Rectangle

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



B5DEFA



DBD4F9



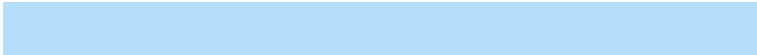
F3D3B7



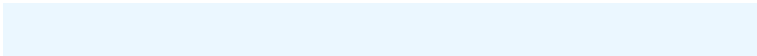
D4DDB8

Sweetspot

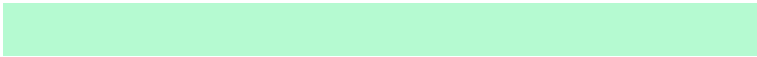
The Sweet Spot groups the original color and five complimentary colors.



B5DEFA



EBF7FF



B5FAD1



737A80



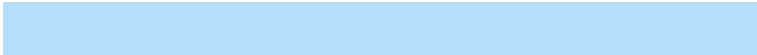
000000



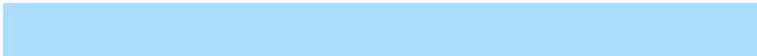
808080

Same Dimension

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



B5DEFA



ABDDFF



B5BCFA



70787D



0070BD



00243D

Inverse Universe

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



FAB5DE



FFABDD



FAF3B5



7D7078



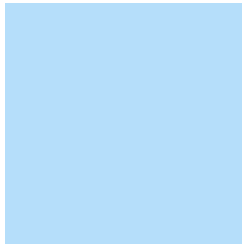
BD0070



3D0024

Previews

White Background



This preview shows how the Hex color B5DEFA looks on a white background.

Color Contrast Check

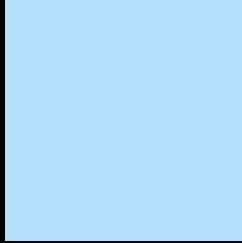
Large Text (above 18pt) WCAG AA × Fail

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 B5DEFA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

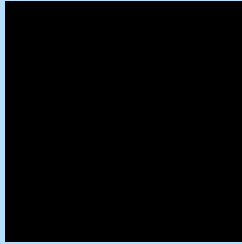
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

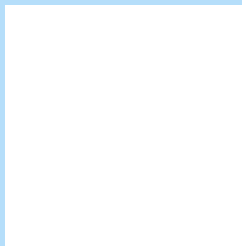
Any Text WCAG AAA ✓ Pass

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

Hex B5DEFA Background



This preview shows how black text looks on a background with the Hex color B5DEFA.

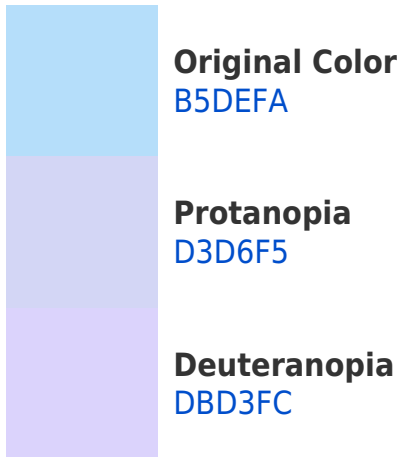


This preview shows how white text looks on a background with the Hex color B5DEFA.

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](#).

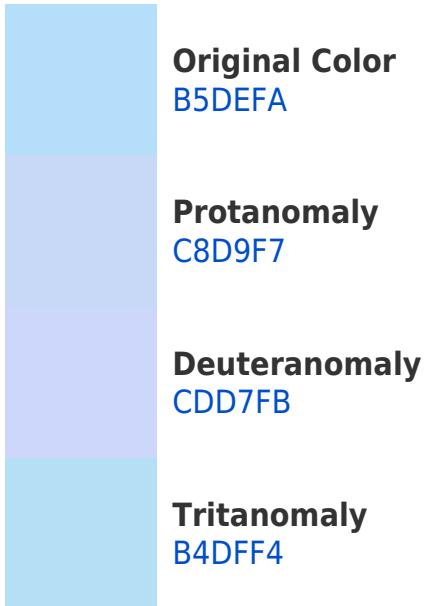
Dichromacy



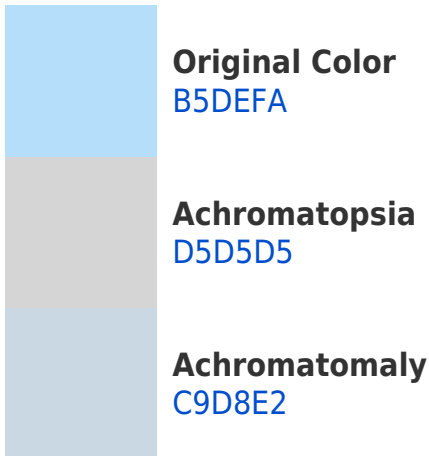


Tritanopia
B3DFF1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B5DEFA 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 #B5DEFA looks like.

```
.text, #text, p{  
    color:#B5DEFA  
}
```

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 #B5DEFA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5DEFA
}
```

Border

The CSS property to change the border of an element to Hex B5DEFA 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
#B5DEFA }
```

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

```
.border{ border-color:#B5DEFA }
```

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

Here you see how a box with a 4 pixel #B5DEFA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5DEFA; -webkit-box-shadow:4px 4px  
4px 4px #B5DEFA; box-shadow:4px 4px 4px  
4px #B5DEFA }
```

Background

The CSS property to change the background color of an element to Hex B5DEFA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5DEFA }
```

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

```
.background{ background-color:#B5DEFA }
```

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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