

# Converting Colors

Hex(B6DEFE)

Have a look what the booklet for  
Hex(B6DEFE) contains.

<b>Hex(B6DEFE)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(B6DEFE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B6DEFE
RGB	182, 222, 254
RGB Percent	71%, 87%, 100%
CMY	0.2863, 0.1294, 0.0039
CMYK	0.28, 0.13, 0.00, 0.00
HSL	207°, 97%, 85%
HSV	207°, 28%, 100%
XYZ	63.3021, 69.3434, 103.8142
YIQ	213.6880, -34.1120, 1.4720

# Conversions

## Conversions Part 2

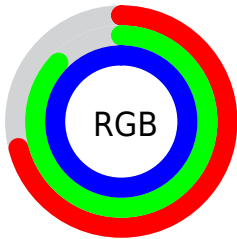
Format	Color
<a href="#">RYB</a>	182, 208, 254
Decimal	11984638
CIELab	86.67, -5.91, -19.82
CIELCh	87, 20.686, 253.390
Yxy	69.3434, 0.2677, 0.2933
Android (android.graphics.Color)	4290174718 (0xFFB6DEFE)
YUV	213.6880, 19.8738, -27.7904
Hunter-Lab	83.2727, -10.0354, -15.6246

# Details

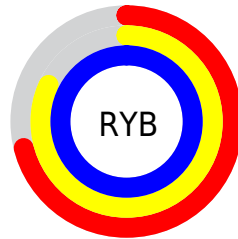
The Hex color **B6DEFE** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FED6B6**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **FFFFFF**, and **7FA7C5** is the 20% darker color. If you saturate the color by 10%, you get **9DD3FE**, and if you desaturate by 10%, it is **CFE9FE**.

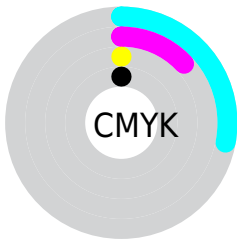
# Distribution



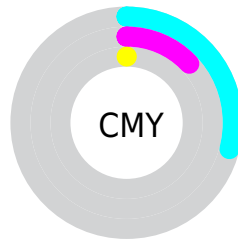
- Red (71%)
- Green (87%)
- Blue (100%)



- Red (71%)
- Yellow (82%)
- Blue (100%)



- Cyan (28%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (13%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B6DEFE 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 B6DEFE by changing the saturation by 10% instead.



 B6DEFE

 B6DEFE

FFFFFF


 9AC2E1

 EFFFFFF

 7FA7C5

 658DAA

 4B738F

 315B76

 14435D

 002D45

 00192F

 00011A

 B6DEFE

 B6DEFE

 9DD3FE

 CFE9FE

 83C7FE

 E9F5FE

 6ABCFE

FFFFFFE

 50B1FE

 37A6FE

 1E9AFE

 048FFE

 008DFE

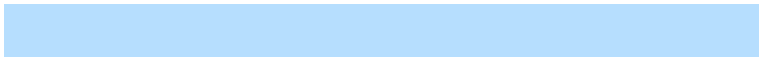
# Harmonies

## Analogous

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



A7E3F3



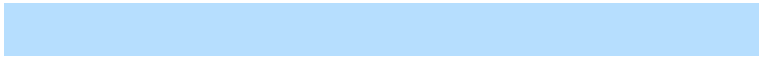
B6DEFE



CED8FF

# Triad

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



B6DEFE



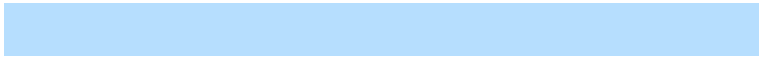
FFCBD1



C9E0BC

# Complementary

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



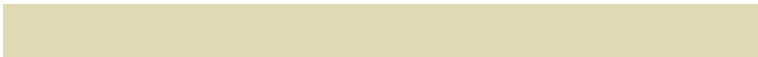
B6DEFE



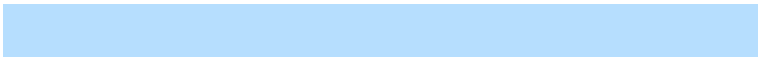
FED6B6

# 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.



DFDAB3



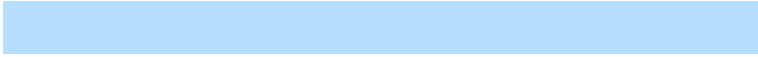
B6DEFE



FFCEBF

# Square

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



B6DEFE



FACCE5



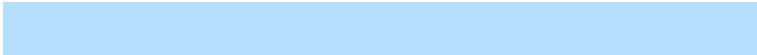
F3D4B4



B4E4CD

# Rectangle

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



B6DEFE



DFD3FA



F3D4B4

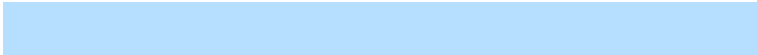


D0DEB8

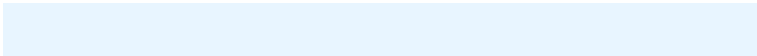


# Sweetspot

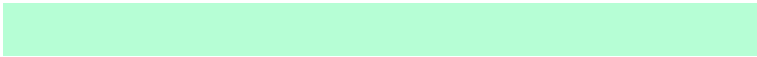
The Sweet Spot groups the original color and five complimentary colors.



B6DEFE



E8F5FF



B6FED5



717980



000000

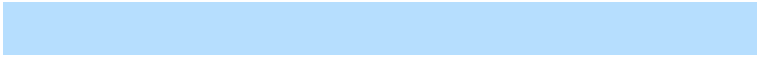


808080

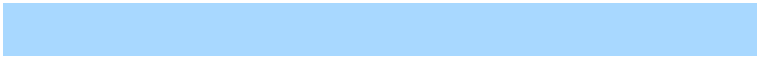


# Same Dimension

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



B6DEFE



A8D8FF



B6BBFE



737A80



006ABF



002340



# Inverse Universe

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



FEB6DE



FFA8D8



FEF9B6



80737A



BF006A

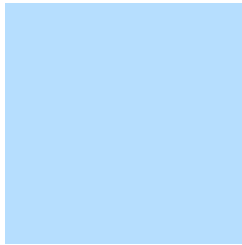


400023



# Previews

## White Background



This preview shows how the Hex color B6DEFE looks on a white background.

## Color Contrast Check

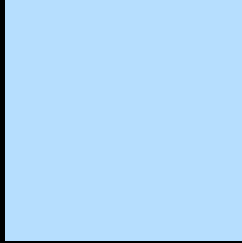
Large Text (above 18pt) WCAG AA × Fail

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 B6DEFE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

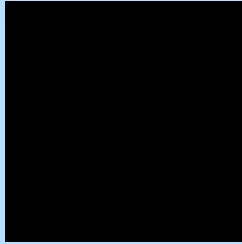
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

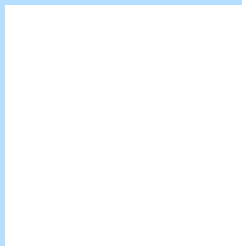
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B6DEFE Background



This preview shows how black text looks on a background with the Hex color B6DEFE.

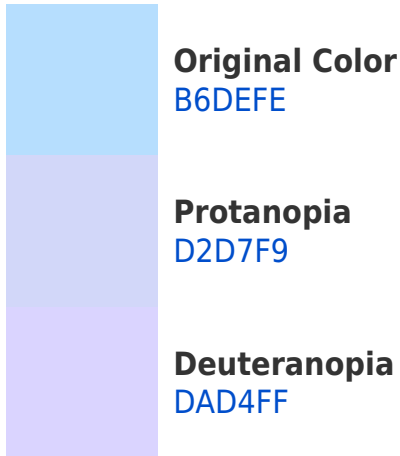


This preview shows how white text looks on a background with the Hex color B6DEFE.

# 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](#).

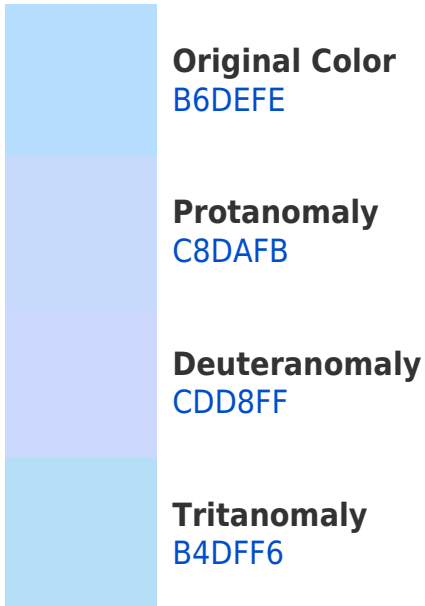
## Dichromacy



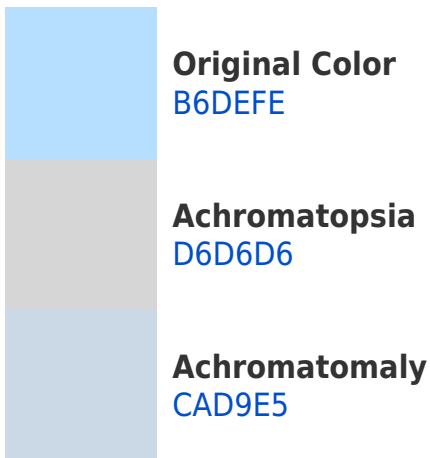


**Tritanopia**  
B3E0F2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B6DEFE 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 #B6DEFE looks like.

```
.text, #text, p{  
    color:#B6DEFE  
}
```

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 #B6DEFE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6DEFE
}
```

## Border

The CSS property to change the border of an element to Hex B6DEFE 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
#B6DEFE }
```

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

```
.border{ border-color:#B6DEFE }
```

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

Here you see how a box with a 4 pixel #B6DEFE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6DEFE; -webkit-box-shadow:4px 4px  
4px 4px #B6DEFE; box-shadow:4px 4px 4px  
4px #B6DEFE }
```

# Background

The CSS property to change the background color of an element to Hex B6DEFE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6DEFE }
```

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

```
.background{ background-color:#B6DEFE }
```

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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