

# Converting Colors

Hex(B5ECF5)

Have a look what the booklet for  
Hex(B5ECF5) contains.

<b>Hex(B5ECF5)</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(B5ECF5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5ECF5
RGB	181, 236, 245
RGB Percent	71%, 93%, 96%
CMY	0.2902, 0.0745, 0.0392
CMYK	0.26, 0.04, 0.00, 0.04
HSL	188°, 76%, 84%
HSV	188°, 26%, 96%
XYZ	65.5329, 76.4072, 97.6803
YIQ	220.5810, -35.6690, -8.8610

# Conversions

## Conversions Part 2

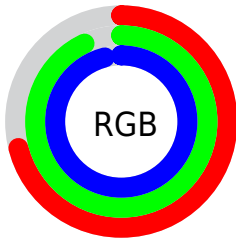
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	181, 211, 245
Decimal	11922677
CIE Lab	90.05, -15.39, -10.05
CIE LCh	90, 18.378, 213.149
Yxy	76.4072, 0.2735, 0.3189
Android (android.graphics.Color)	4290112757 (0xFFB5ECF5)
YUV	220.5810, 12.0386, -34.7125
Hunter-Lab	87.4112, -19.1467, -5.0675

# Details

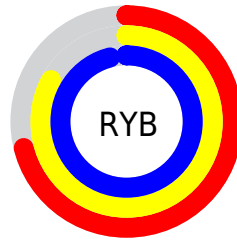
The Hex color **B5ECF5** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F5BEB5**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **EEFFFF**, and **7EB4BD** is the 20% darker color. If you saturate the color by 10%, you get **9DE9F5**, and if you desaturate by 10%, it is **CEEFF5**.

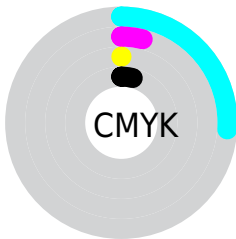
# Distribution



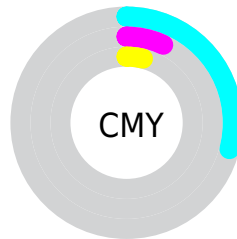
- Red (71%)
- Green (93%)
- Blue (96%)



- Red (71%)
- Yellow (83%)
- Blue (96%)



- Cyan (26%)
- Magenta (4%)
- Yellow (0%)
- Black (4%)



- Cyan (29%)
- Magenta (7%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5ECF5 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 B5ECF5 by changing the saturation by 10% instead.



 B5ECF5

 B5ECF5

FFFFFF

 99D0D9

 EEEFFF

 7EB4BD

 6499A2

 4A7F88

 30666E

 134E56

 00373F

 002129

 000115

 B5ECF5

 B5ECF5

 9DE9F5

 CEEFF5

 84E5F5

 E6F3F5

 6CE2F5

 FFF6F5

 53DEF5

 FFFAF5

 3BDBF5

 FFFDF5

 22D7F5

 FFFFF5

 0AD4F5

 00D3F5

# Harmonies

## Analogous

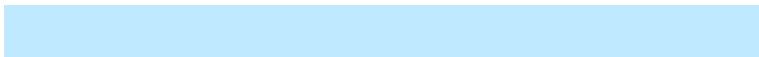
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B9EDE4



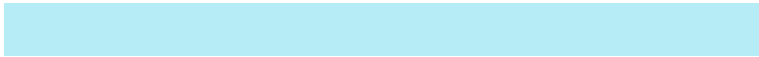
B5ECF5



BEE9FF

# Triad

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



B5ECF5



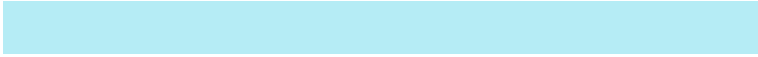
FBD9F3



EFE2C0

# Complementary

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



B5ECF5



F5BEB5

# 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.



FFDCC4



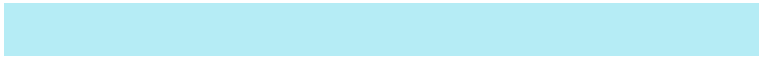
B5ECF5



FFD6E1

# Square

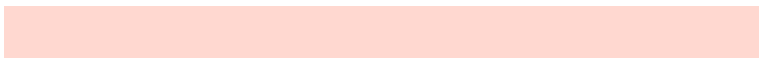
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B5ECF5



E8DDFF



FFD8D0



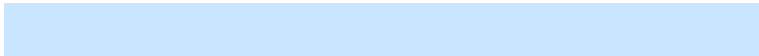
DBE7C5

# Rectangle

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



B5ECF5



CAE5FF



FFD8D0



F5E0C0



# Sweetspot

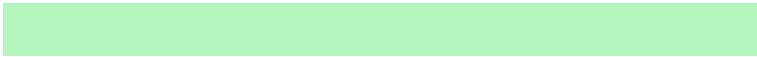
The Sweet Spot groups the original color and five complimentary colors.



B5ECF5



EBFCFF



B5F5BE



737E80



000000



808080

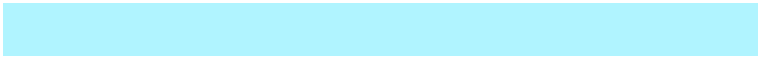


# Same Dimension

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



B5ECF5



B0F4FF



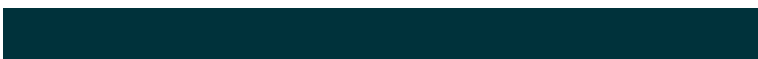
B5CCF5



6E797A



00A0BA



00323B



# Inverse Universe

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



F5B5EC



FFB0F4



F5DEB5



7A6E79



BA00A0

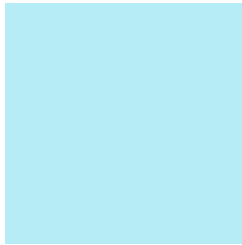


3B0032



# Previews

## White Background



This preview shows how the Hex color B5ECF5 looks on a white background.

## Color Contrast Check

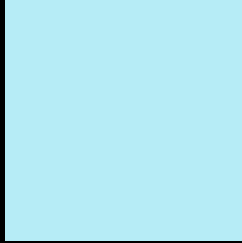
Large Text (above 18pt) WCAG AA × Fail

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 B5ECF5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

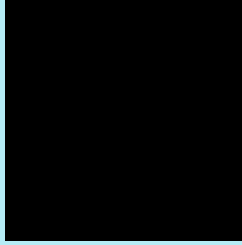
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B5ECF5 Background



This preview shows how black text looks on a background with the Hex color B5ECF5.



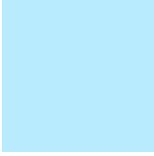
This preview shows how white text looks on a background with the Hex color B5ECF5.

# 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](#).

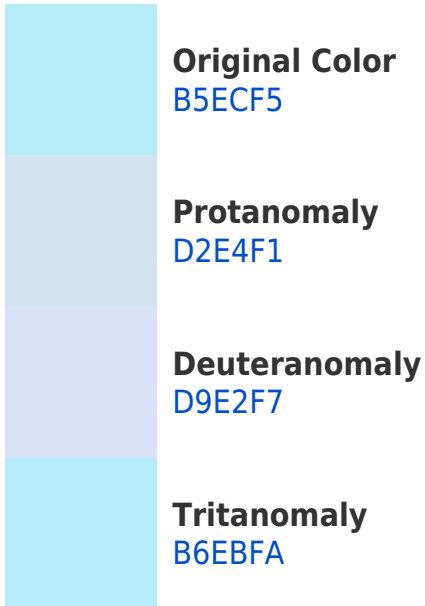
## Dichromacy



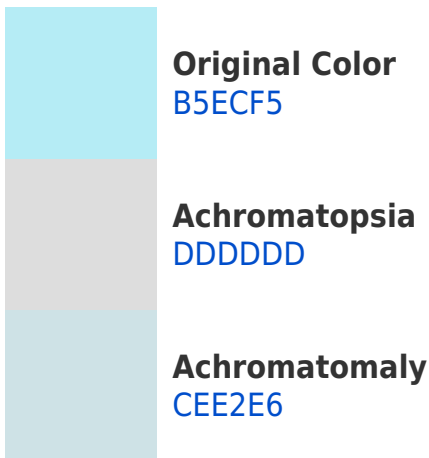


**Tritanopia**  
B7EBFD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5ECF5 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 #B5ECF5 looks like.

```
.text, #text, p{  
    color:#B5ECF5  
}
```

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 #B5ECF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5ECF5
}
```

## Border

The CSS property to change the border of an element to Hex B5ECF5 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
#B5ECF5 }
```

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

```
.border{ border-color:#B5ECF5 }
```

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

Here you see how a box with a 4 pixel #B5ECF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5ECF5; -webkit-box-shadow:4px 4px  
4px 4px #B5ECF5; box-shadow:4px 4px 4px  
4px #B5ECF5 }
```

# Background

The CSS property to change the background color of an element to Hex B5ECF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5ECF5 }
```

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

```
.background{ background-color:#B5ECF5 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor