

# Converting Colors

Hex(B3ECF5)

Have a look what the booklet for  
Hex(B3ECF5) contains.

<b>Hex(B3ECF5)</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(B3ECF5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3ECF5
RGB	179, 236, 245
RGB Percent	70%, 93%, 96%
CMY	0.2980, 0.0745, 0.0392
CMYK	0.27, 0.04, 0.00, 0.04
HSL	188°, 77%, 83%
HSV	188°, 27%, 96%
XYZ	65.0673, 76.1672, 97.6585
YIQ	219.9830, -36.8610, -9.2850

# Conversions

## Conversions Part 2

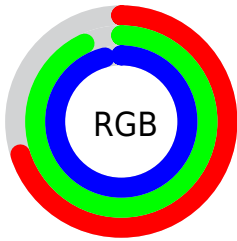
Format	Color
R <sub>Y</sub> B	179, 210, 245
Decimal	11791605
CIE Lab	89.94, -15.96, -10.23
CIE LCh	90, 18.953, 212.657
Yxy	76.1672, 0.2724, 0.3188
Android (android.graphics.Color)	4289981685 (0xFFB3ECF5)
YUV	219.9830, 12.3334, -35.9421
Hunter-Lab	87.2738, -19.6479, -5.2533

# Details

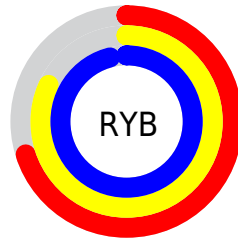
The Hex color **B3ECF5** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F5BCB3**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **ECFFFF**, and **7CB4BD** is the 20% darker color. If you saturate the color by 10%, you get **9BE9F5**, and if you desaturate by 10%, it is **CBEFF5**.

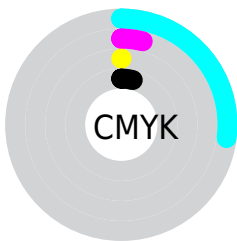
# Distribution



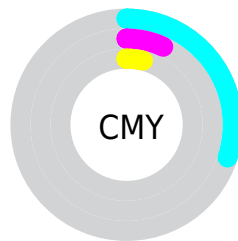
- Red (70%)
- Green (93%)
- Blue (96%)



- Red (70%)
- Yellow (82%)
- Blue (96%)



- Cyan (27%)
- Magenta (4%)
- Yellow (0%)
- Black (4%)



- Cyan (30%)
- Magenta (7%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B3ECF5 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 B3ECF5 by changing the saturation by 10% instead.



 B3ECF5

 B3ECF5

FFFFFF

 97D0D9

 ECFFFF

 7CB4BD

 6299A2

 487F88

 2D666E

 0F4E56

 00373F

 002129

 000115

 B3ECF5

 B3ECF5

 9BE9F5


 CBEFF5

 82E5F5

 E4F3F5

 6AE2F5

 FCF6F5

 51DFF5

 FFF9F5

 38DBF5

 FFFDF5

 20D8F5

 FFFFF5

 07D5F5

 00D4F5

# Harmonies

## Analogous

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



B7EDE3



B3ECF5



BCE9FF

# Triad

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



B3ECF5



FBD8F3



EFE1BE

# Complementary

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



B3ECF5



F5BCB3

# 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.



FFDCC3



B3ECF5



FFD6E1

# Square

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



B3ECF5



E8DDFF



FFD7CF



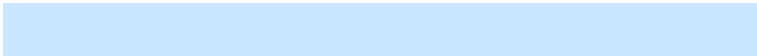
DBE7C3

# Rectangle

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



B3ECF5



C9E5FF



FFD7CF

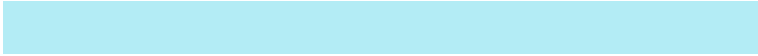


F5DFBF

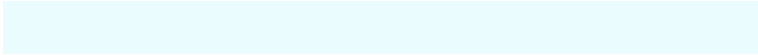


# Sweetspot

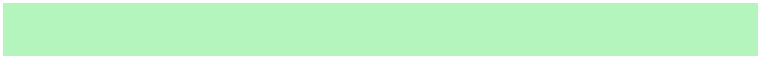
The Sweet Spot groups the original color and five complimentary colors.



B3ECF5



EBFCFF



B3F5BC



737E80



000000



808080

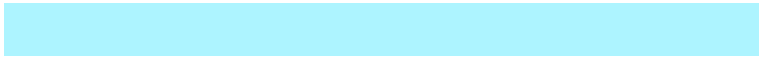


# Same Dimension

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



B3ECF5



ADF4FF



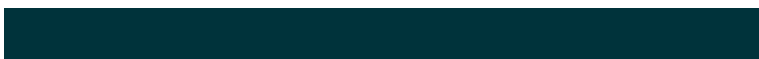
B3CBF5



6E797A



00A1BA



00333B



# Inverse Universe

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



F5B3EC



FFADF4



F5DDB3



7A6E79



BA00A1

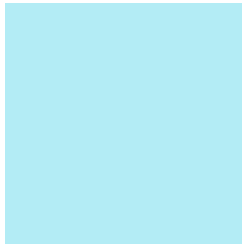


3B0033



# Previews

## White Background



This preview shows how the Hex color B3ECF5 looks on a white background.

## Color Contrast Check

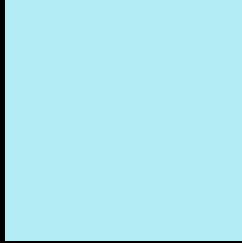
Large Text (above 18pt) WCAG AA × Fail

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 B3ECF5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

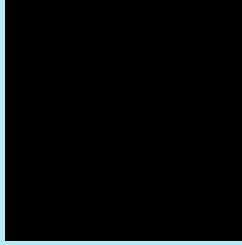
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B3ECF5 Background



This preview shows how black text looks on a background with the Hex color B3ECF5.



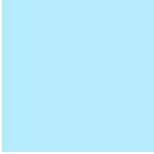
This preview shows how white text looks on a background with the Hex color B3ECF5.

# 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](#).

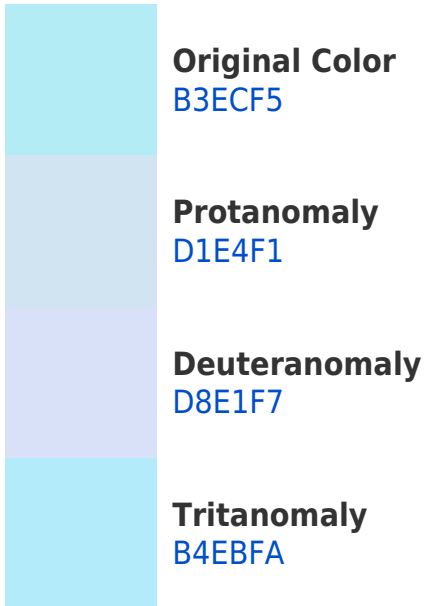
## Dichromacy



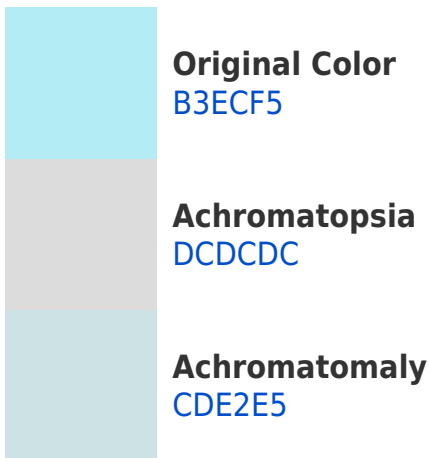


**Tritanopia**  
B5EBFD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3ECF5 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 #B3ECF5 looks like.

```
.text, #text, p{  
    color:#B3ECF5  
}
```

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 #B3ECF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3ECF5
}
```

## Border

The CSS property to change the border of an element to Hex B3ECF5 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
#B3ECF5 }
```

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

```
.border{ border-color:#B3ECF5 }
```

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

Here you see how a box with a 4 pixel #B3ECF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3ECF5; -webkit-box-shadow:4px 4px  
4px 4px #B3ECF5; box-shadow:4px 4px 4px  
4px #B3ECF5 }
```

# Background

The CSS property to change the background color of an element to Hex B3ECF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3ECF5 }
```

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

```
.background{ background-color:#B3ECF5 }
```

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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