

Converting Colors

Hex(B5EAF1)

Have a look what the booklet for
Hex(B5EAF1) contains.

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Color

Hex(B5EAF1)

Conversions

Conversions Part 1

Format	Color
Hex	B5EAF1
RGB	181, 234, 241
RGB Percent	71%, 92%, 95%
CMY	0.2902, 0.0824, 0.0549
CMYK	0.25, 0.03, 0.00, 0.05
HSL	187°, 68%, 83%
HSV	187°, 25%, 95%
XYZ	64.3561, 75.0203, 94.3075
YIQ	218.9510, -33.8350, -9.0590

Conversions

Conversions Part 2

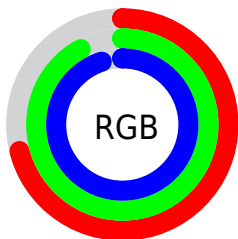
Format	Color
R _Y B	181, 209, 241
Decimal	11922161
CIE Lab	89.40, -15.26, -8.92
CIE LCh	89, 17.678, 210.291
Yxy	75.0203, 0.2754, 0.3210
Android (android.graphics.Color)	4290112241 (0xFFB5EAF1)
YUV	218.9510, 10.8702, -33.2830
Hunter-Lab	86.6142, -18.9460, -3.9263

Details

The Hex color **B5EAF1** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F1BCB5**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **EEFFFF**, and **7FB2B9** is the 20% darker color. If you saturate the color by 10%, you get **9DE7F1**, and if you desaturate by 10%, it is **CDEDF1**.

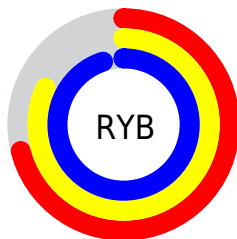
Distribution



Red (71%)

Green (92%)

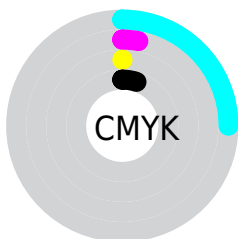
Blue (95%)



Red (71%)

Yellow (82%)

Blue (95%)

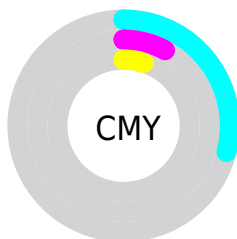


Cyan (25%)

Magenta (3%)

Yellow (0%)

Black (5%)



Cyan (29%)

Magenta (8%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5EAF1 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 B5EAF1 by changing the saturation by 10% instead.

 B5EAF1

FFFFFF

 EEEFFF


 B5EAF1


 99CED5

 7FB2B9

 64979E

 4A7D84

 31646B

 154C53

 00353C

 002026

 000112

 B5EAF1

 B5EAF1

 9DE7F1

 CDEDF1

 85E4F1

 E5F0F1

 6DE2F1

 FDF2F1

 55DFF1

 FFF5F1

 3CDCF1

 FFF8F1

 24D9F1

 FFFBF1

 0CD6F1

 FFFE1F1

 00D5F1

 FFFFF1

Harmonies

Analogous

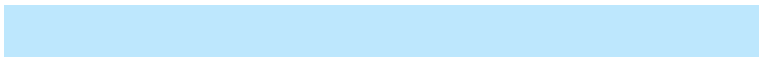
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



BAEBE0



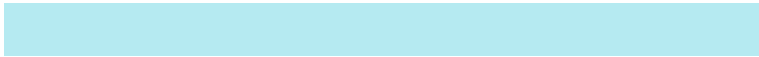
B5EAF1



BDE7FD

Triad

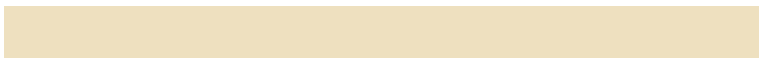
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



B5EAF1



F7D7F2



EEE0BF

Complementary

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



B5EAF1



F1BCB5

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.



FDDAC4



B5EAF1



FFD5E1

Square

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



B5EAF1



E4DCFE



FFD6D0



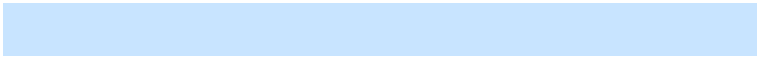
DBE5C3

Rectangle

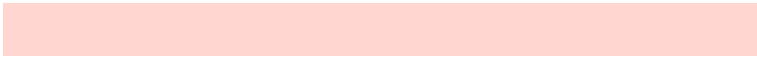
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B5EAF1



C8E4FF



FFD6D0



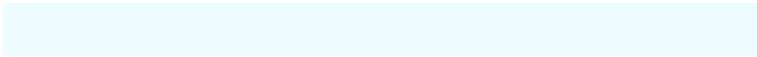
F4DEC0

Sweetspot

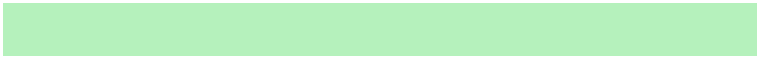
The Sweet Spot groups the original color and five complimentary colors.



B5EAF1



EDFDFD



B5F1BC



757E80



000000



808080

Same Dimension

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



B5EAF1



B3F6FF



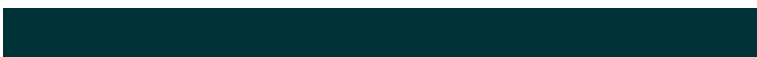
B5CCF1



6C7678



00A2B8



003238

Inverse Universe

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



F1B5EA



FFB3F6



F1DAB5



786C76



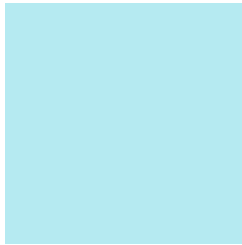
B800A2



380032

Previews

White Background



This preview shows how the Hex color B5EAF1 looks on a white background.

Color Contrast Check

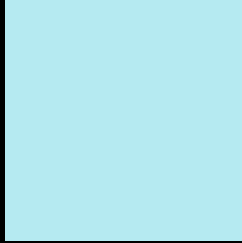
Large Text (above 18pt) WCAG AA × Fail

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 B5EAF1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

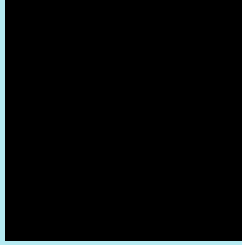
Any Text WCAG AA ✓ Pass

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 B5EAF1 Background



This preview shows how black text looks on a background with the Hex color B5EAF1.

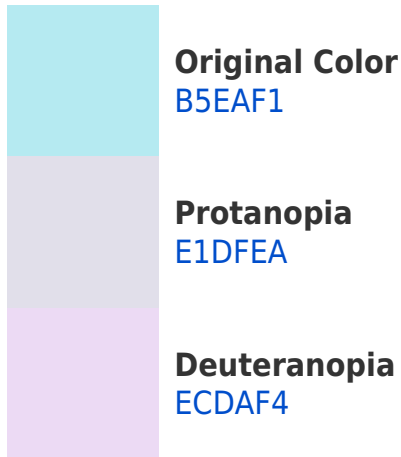


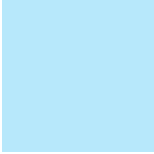
This preview shows how white text looks on a background with the Hex color B5EAF1.

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](#).

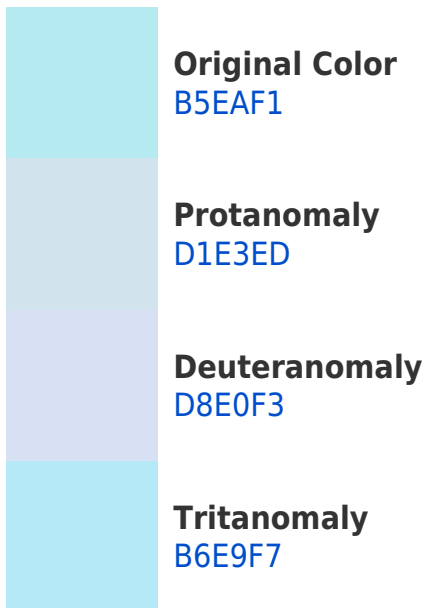
Dichromacy



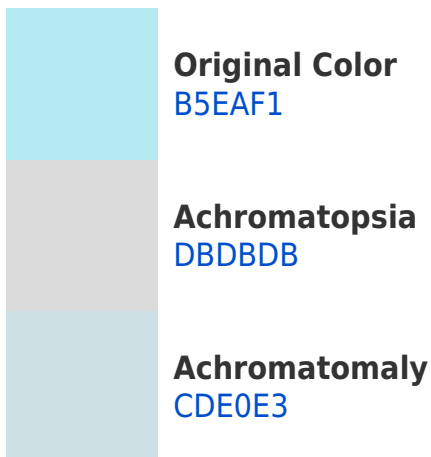


Tritanopia
B7E8FB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B5EAF1 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 #B5EAF1 looks like.

```
.text, #text, p{  
    color:#B5EAF1  
}
```

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 #B5EAF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5EAF1  
}
```

Border

The CSS property to change the border of an element to Hex B5EAF1 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  
#B5EAF1 }
```

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

```
.border{ border-color:#B5EAF1 }
```

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

Here you see how a box with a 4 pixel #B5EAF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5EAF1; -webkit-box-shadow:4px 4px  
4px 4px #B5EAF1; box-shadow:4px 4px 4px  
4px #B5EAF1 }
```

Background

The CSS property to change the background color of an element to Hex B5EAF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5EAF1 }
```

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

```
.background{ background-color:#B5EAF1 }
```

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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