

Converting Colors

Hex(B0EAED)

Have a look what the booklet for
Hex(B0EAED) contains.

Hex(B0EAED)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B0EAED)

Conversions

Conversions Part 1

Format	Color
Hex	B0EAED
RGB	176, 234, 237
RGB Percent	69%, 92%, 93%
CMY	0.3098, 0.0824, 0.0706
CMYK	0.26, 0.01, 0.00, 0.07
HSL	183°, 63%, 81%
HSV	183°, 26%, 93%
XYZ	62.6134, 74.1902, 91.1408
YIQ	217.0000, -35.5310, -11.3630

Conversions

Conversions Part 2

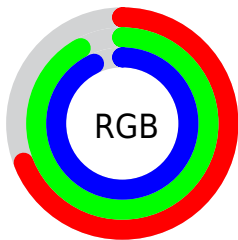
Format	Color
R _{YB}	176, 206, 237
Decimal	11594477
CIE Lab	89.01, -17.58, -7.43
CIE LCh	89, 19.088, 202.912
Yxy	74.1902, 0.2747, 0.3255
Android (android.graphics.Color)	4289784557 (0xFFB0EAED)
YUV	217.0000, 9.8600, -35.9570
Hunter-Lab	86.1337, -20.9766, -2.4430

Details

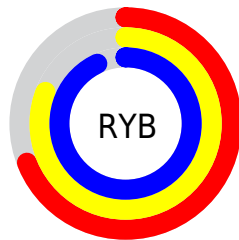
The Hex color **B0EAED** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **EDB3B0**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **E9FFFF**, and **7AB2B5** is the 20% darker color. If you saturate the color by 10%, you get **98E9ED**, and if you desaturate by 10%, it is **C8EBED**.

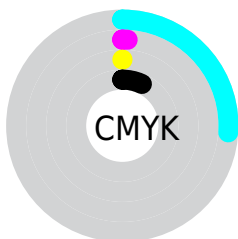
Distribution



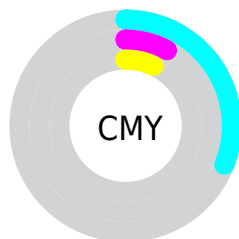
- Red (69%)
- Green (92%)
- Blue (93%)



- Red (69%)
- Yellow (81%)
- Blue (93%)



- Cyan (26%)
- Magenta (1%)
- Yellow (0%)
- Black (7%)



- Cyan (31%)
- Magenta (8%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0EAED 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 B0EAED by changing the saturation by 10% instead.

 B0EAED

 B0EAED

FFFFFF

 94CED1

 E9FFFF

 7AB2B5

 5F979A

 457D80

 2B6467

 0C4C4F

 003538

 002023

 00010E

 B0EAED

 B0EAED

 98E9ED

 C8EBED

 81E8ED

 DFECED

 69E7ED

 F7EDED

 51E5ED

 FFEFED

 3AE4ED

 FFF0ED

 22E3ED

 FFF1ED

 0AE2ED

 FFF2ED

 00E1ED

 FFF3ED

 FFF4ED

Harmonies

Analogous

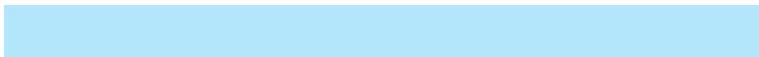
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B9EADA



B0EAED



B5E7FC

Triad

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



B0EAED



F3D7F6



F2DDBC

Complementary

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



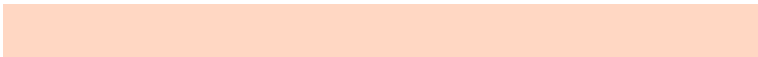
B0EAED



EDB3B0

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.



FFD7C3



B0EAED



FFD3E5

Square

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



B0EAED



DEDcff



FFD4D2



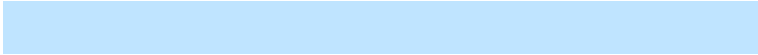
DFE3BE

Rectangle

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



B0EAED



BFE4FF



FFD4D2



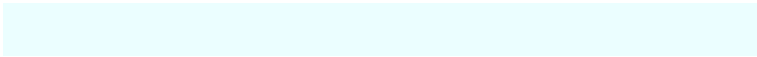
F8DBBD

Sweetspot

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



B0EAED



EBFEFF



B0EDB2



737F80



000000



808080

Same Dimension

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



B0EAED



B0FBFF



B0CCED



6A7575



00ACB5



003336

Inverse Universe

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



EDB0EA



FFB0FB



EDD1B0



756A75



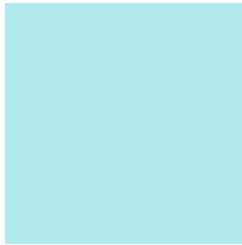
B500AC



360033

Previews

White Background



This preview shows how the Hex color B0EAED looks on a white background.

Color Contrast Check

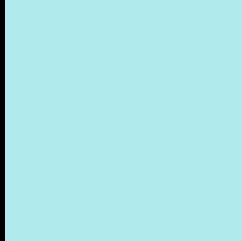
Large Text (above 18pt) WCAG AA × Fail

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 B0EAED 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 B0EAED Background



This preview shows how black text looks on a background with the Hex color B0EAED.

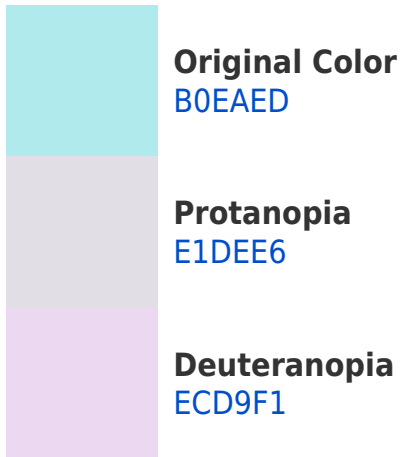


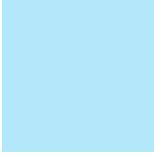
This preview shows how white text looks on a background with the Hex color B0EAED.

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](#).

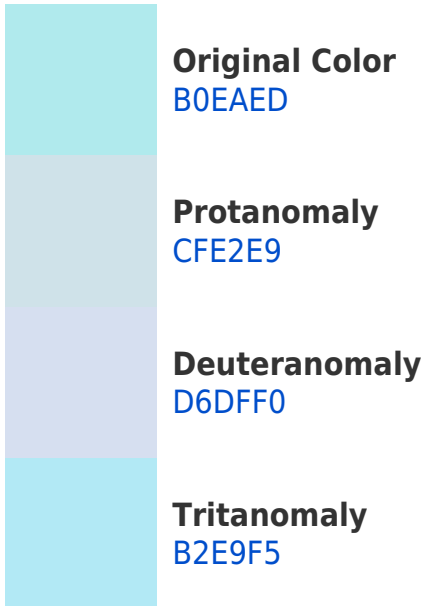
Dichromacy



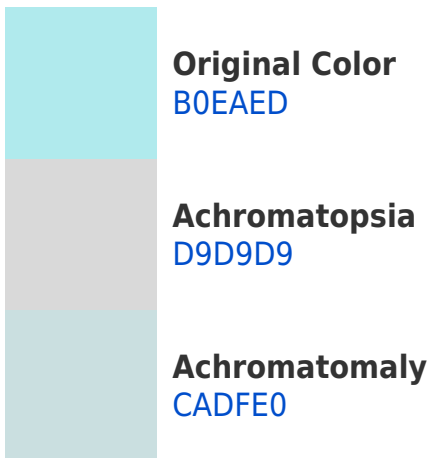


Tritanopia
B3E8FA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0EAED 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 #B0EAED looks like.

```
.text, #text, p{  
    color:#B0EAED  
}
```

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 #B0EAED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0EAED
}
```

Border

The CSS property to change the border of an element to Hex B0EAED 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
#B0EAED }
```

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

```
.border{ border-color:#B0EAED }
```

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

Here you see how a box with a 4 pixel #B0EAED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0EAED; -webkit-box-shadow:4px 4px  
4px 4px #B0EAED; box-shadow:4px 4px 4px  
4px #B0EAED }
```

Background

The CSS property to change the background color of an element to Hex B0EAED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0EAED }
```

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

```
.background{ background-color:#B0EAED }
```

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