

# Converting Colors

Hex(4BB8ED)

Have a look what the booklet for  
Hex(4BB8ED) contains.

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# **Color**

**Hex(4BB8ED)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4BB8ED
RGB	75, 184, 237
RGB Percent	29%, 72%, 93%
CMY	0.7059, 0.2784, 0.0706
CMYK	0.68, 0.22, 0.00, 0.07
HSL	200°, 82%, 61%
HSV	200°, 68%, 93%
XYZ	35.3282, 41.8913, 86.3446
YIQ	157.4510, -81.9770, -6.6250

# Conversions

## Conversions Part 2

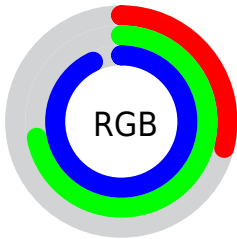
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	75, 140, 237
Decimal	4962541
CIE Lab	70.80, -14.62, -35.47
CIE LCh	71, 38.368, 247.599
Yxy	41.8913, 0.2160, 0.2561
Android (android.graphics.Color)	4283152621 (0xFF4BB8ED)
YUV	157.4510, 39.2177, -72.3095
Hunter-Lab	64.7235, -15.8349, -33.7896

# Details

The Hex color **4BB8ED** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **ED804B**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **8CF0FF**, and **0083B5** is the 20% darker color. If you saturate the color by 10%, you get **33B0ED**, and if you desaturate by 10%, it is **63C0ED**.

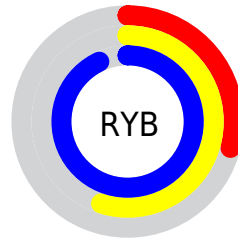
# Distribution



Red (29%)

Green (72%)

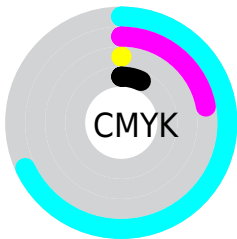
Blue (93%)



Red (29%)

Yellow (55%)

Blue (93%)

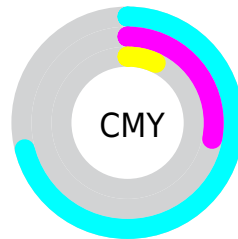


Cyan (68%)

Magenta (22%)

Yellow (0%)

Black (7%)



Cyan (71%)

Magenta (28%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4BB8ED 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 4BB8ED by changing the saturation by 10% instead.



 4BB8ED

 4BB8ED

FFFFFF

 1E9DD1

 8CF0FF

 0083B5

 ABFFFF

 006A9A

 CAFFFF

 005280

 E8FFFF

 003B66

 00254E

 000A37

 000221

 000006

■ 4BB8ED

■ 4BB8ED

■ 33B0ED

■ 63C0ED

■ 1CA8ED

■ 7AC8ED

■ 04A1ED

■ 92CFED

■ 009FED

■ AAD7ED

■ C2DFED

■ D9E7ED

■ F1EEED

■ FFF6ED

■ FFFEED

# Harmonies

## Analogous

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



0FBED7



4BB8ED



89AEF2

# Triad

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



4BB8ED



F192A6



96B875

# Complementary

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



4BB8ED



ED804B

# 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.



BCAE67



4BB8ED



ED9784

# Square

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



4BB8ED



E096C9



DAA26D



6BBE91

# Rectangle

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



4BB8ED



ADA5EB



DAA26D



A3B56E

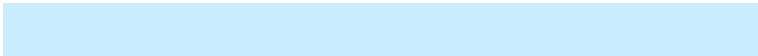


# Sweetspot

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



4BB8ED



C9EDFF



4BED7E



607580



000000



808080



# Same Dimension

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



4BB8ED



2EBBFF



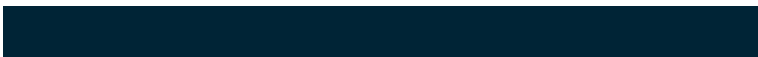
4B69ED



6A7175



007AB5



002436



# Inverse Universe

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



ED4BB8



FF2EBB



EDCF4B



756A71



B5007A

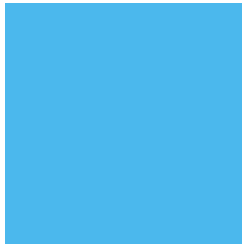


360024



# Previews

## White Background



This preview shows how the Hex color 4BB8ED looks on a white background.

## Color Contrast Check

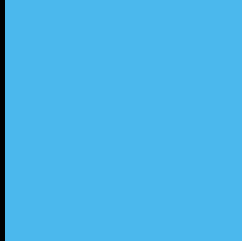
Large Text (above 18pt) WCAG AA × Fail

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 4BB8ED 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

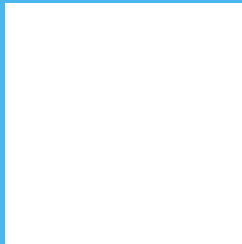
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4BB8ED Background



This preview shows how black text looks on a background with the Hex color 4BB8ED.

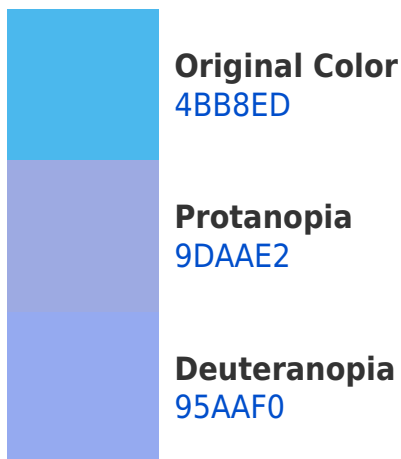


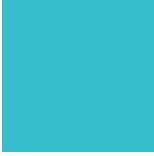
This preview shows how white text looks on a background with the Hex color 4BB8ED.

# 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](#).

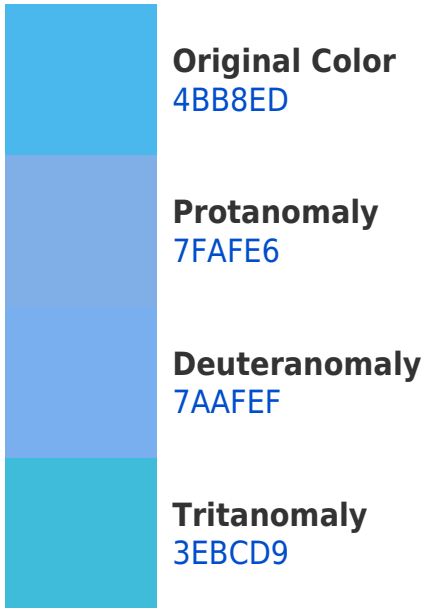
## Dichromacy



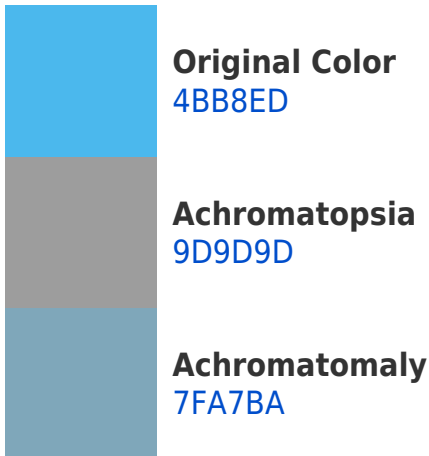


**Tritanopia**  
37BECD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4BB8ED 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 #4BB8ED looks like.

```
.text, #text, p{  
    color:#4BB8ED  
}
```

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 #4BB8ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BB8ED
}
```

## Border

The CSS property to change the border of an element to Hex 4BB8ED 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
#4BB8ED }
```

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

```
.border{ border-color:#4BB8ED }
```

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

Here you see how a box with a 4 pixel #4BB8ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BB8ED; -webkit-box-shadow:4px 4px  
4px 4px #4BB8ED; box-shadow:4px 4px 4px  
4px #4BB8ED }
```

# Background

The CSS property to change the background color of an element to Hex 4BB8ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BB8ED }
```

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

```
.background{ background-color:#4BB8ED }
```

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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