

Converting Colors

Hex(4BB2EB)

Have a look what the booklet for
Hex(4BB2EB) contains.

Hex(4BB2EB)	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(4BB2EB)

Conversions

Conversions Part 1

Format	Color
Hex	4BB2EB
RGB	75, 178, 235
RGB Percent	29%, 70%, 92%
CMY	0.7059, 0.3020, 0.0784
CMYK	0.68, 0.24, 0.00, 0.08
HSL	201°, 80%, 61%
HSV	201°, 68%, 92%
XYZ	33.8174, 39.3348, 84.4073
YIQ	153.7010, -79.6850, -4.1090

Conversions

Conversions Part 2

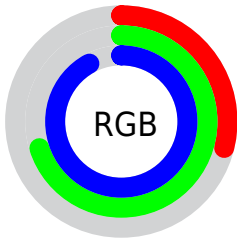
Format	Color
RYB	75, 138, 235
Decimal	4961003
CIELab	68.99, -12.05, -37.19
CIELCh	69, 39.089, 252.045
Yxy	39.3348, 0.2146, 0.2497
Android (android.graphics.Color)	4283151083 (0xFF4BB2EB)
YUV	153.7010, 40.0804, -69.0208
Hunter-Lab	62.7175, -13.5078, -35.8922

Details

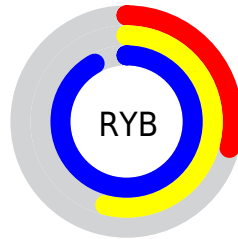
The Hex color **4BB2EB** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **EB844B**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **8CEAFF**, and **007DB3** is the 20% darker color. If you saturate the color by 10%, you get **34AAEB**, and if you desaturate by 10%, it is **62BAEB**.

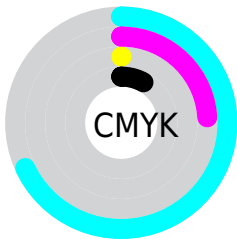
Distribution



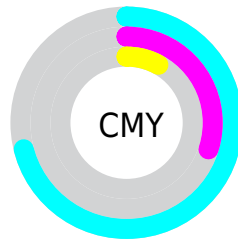
- Red (29%)
- Green (70%)
- Blue (92%)



- Red (29%)
- Yellow (54%)
- Blue (92%)



- Cyan (68%)
- Magenta (24%)
- Yellow (0%)
- Black (8%)



- Cyan (71%)
- Magenta (30%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4BB2EB 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 4BB2EB by changing the saturation by 10% instead.

 4BB2EB

 4BB2EB

FFFFFF

 2097CF

 8CEAFF

 007DB3

 AAFFFF

 006598

 C9FFFF

 004D7E

 E7FFFF

 003665

 00214C

 000535

 00021F

 000002

■ 4BB2EB

■ 4BB2EB

■ 34AAEB

■ 62BAEB

■ 1CA1EB

■ 7AC3EB

■ 0499EB

■ 92CBEB

■ 0097EB

■ A9D3EB

■ C1DCEB

■ D8E4EB

■ F0EDEB

■ FFF5EB

■ FFFDEB

Harmonies

Analogous

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



00B9D7



4BB2EB



8CA7ED

Triad

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



4BB2EB



ED8D9B



8AB473

Complementary

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



4BB2EB



EB844B

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.



B1AB62



4BB2EB



E7937B

Square

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



4BB2EB



E08FBF



D29F65



5DBA91

Rectangle

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



4BB2EB



AF9EE4



D29F65



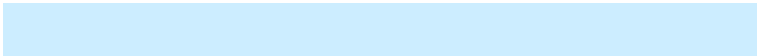
98B16B

Sweetspot

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



4BB2EB



CCEDFF



4BEB83



617580



000000



808080

Same Dimension

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



4BB2EB



2EB5FF



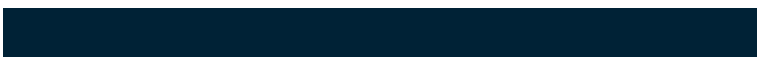
4B63EB



6A7175



0075B5



002236

Inverse Universe

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



EB4BB2



FF2EB5



EBD34B



756A71



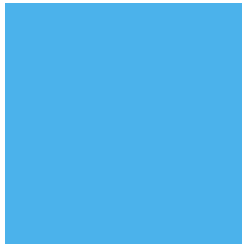
B50075



360022

Previews

White Background



This preview shows how the Hex color 4BB2EB looks on a white background.

Color Contrast Check

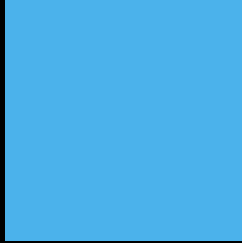
Large Text (above 18pt) WCAG AA × Fail

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 4BB2EB 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

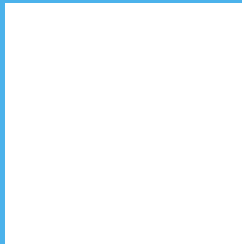
Any Text WCAG AAA ✓ Pass

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

Hex 4BB2EB Background



This preview shows how black text looks on a background with the Hex color 4BB2EB.

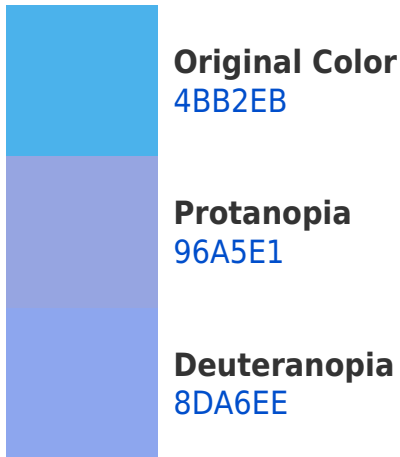


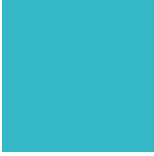
This preview shows how white text looks on a background with the Hex color 4BB2EB.

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](#).

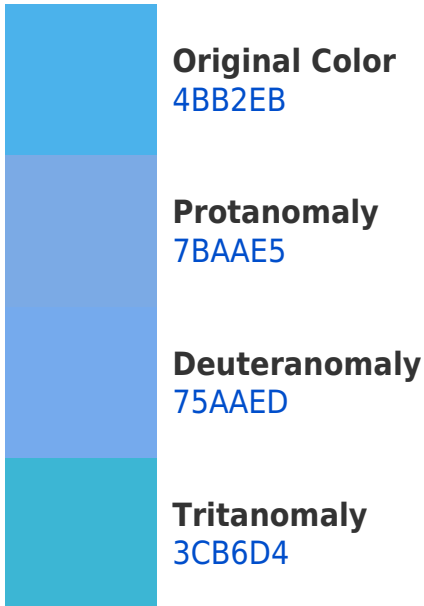
Dichromacy



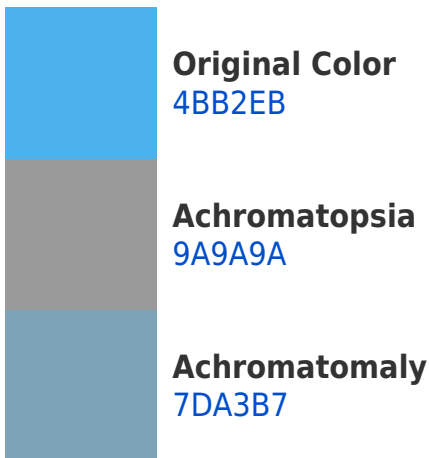


Tritanopia
34B8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4BB2EB 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 #4BB2EB looks like.

```
.text, #text, p{  
    color:#4BB2EB  
}
```

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 #4BB2EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BB2EB
}
```

Border

The CSS property to change the border of an element to Hex 4BB2EB 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
#4BB2EB }
```

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

```
.border{ border-color:#4BB2EB }
```

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

Here you see how a box with a 4 pixel #4BB2EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BB2EB; -webkit-box-shadow:4px 4px  
4px 4px #4BB2EB; box-shadow:4px 4px 4px  
4px #4BB2EB }
```

Background

The CSS property to change the background color of an element to Hex 4BB2EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BB2EB }
```

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

```
.background{ background-color:#4BB2EB }
```

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