

Converting Colors

Hex(4EB1BD)

Have a look what the booklet for
Hex(4EB1BD) contains.

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Color

Hex(4EB1BD)

Conversions

Conversions Part 1

Format	Color
Hex	4EB1BD
RGB	78, 177, 189
RGB Percent	31%, 69%, 74%
CMY	0.6941, 0.3059, 0.2588
CMYK	0.59, 0.06, 0.00, 0.26
HSL	186°, 46%, 52%
HSV	186°, 59%, 74%
XYZ	28.0493, 36.7381, 53.7569
YIQ	148.7670, -62.8560, -17.2560

Conversions

Conversions Part 2

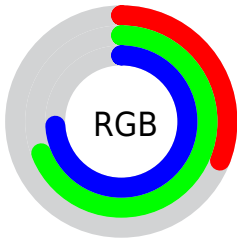
Format	Color
RYB	78, 130, 189
Decimal	5157309
CIELab	67.08, -25.22, -14.83
CIELCh	67, 29.254, 210.461
Yxy	36.7381, 0.2366, 0.3099
Android (android.graphics.Color)	4283347389 (0xFF4EB1BD)
YUV	148.7670, 19.8349, -62.0627
Hunter-Lab	60.6120, -23.4667, -10.1561




Details

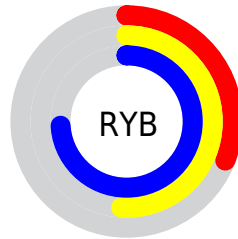
The Hex color **4EB1BD** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **BD5A4E**, and the grayscale version is **959595**.




A 20% lighter version of the original color is **89E9F5**, and **007C88** is the 20% darker color. If you saturate the color by 10%, you get **3BAFBD**, and if you desaturate by 10%, it is **61B3BD**.

Distribution







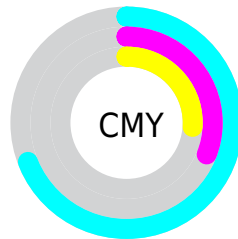
-  Red (31%)
-  Green (69%)
-  Blue (74%)






-  Red (31%)
-  Yellow (51%)
-  Blue (74%)



-  Cyan (59%)
-  Magenta (6%)
-  Yellow (0%)
-  Black (26%)



-  Cyan (69%)
-  Magenta (31%)
-  Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4EB1BD 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 4EB1BD by changing the saturation by 10% instead.

■ 4EB1BD

■ 4EB1BD

FFFFFF

■ 2C96A2

■ 89E9F5

■ 007C88

■ A6FFFF

■ 00636E

■ C3FFFF

■ 004B56

■ E1FFFF

■ 00333F

■ 002029

■ 000114

■ 000000

■ 4EB1BD

■ 4EB1BD

3BAFBD

61B3BD

28ADBD

74B5BD

15ABBD

87B7BD

02A9BD

9AB9BD

00A9BD

ADBBBD

BFBDBD

D2BFBD

E5C1BD

F8C3BD

Harmonies

Analogous

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



5EB2A3



4EB1BD



5DADD0

Triad

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



4EB1BD



C594BE



B5A26F

Complementary

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



4EB1BD



BD5A4E

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.



CB9976



4EB1BD



D690A4

Square

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



4EB1BD



A79CD1



D7928A



99AA75

Rectangle

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



4EB1BD



74A8D7



D7928A



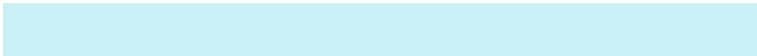
BD9F70

Sweetspot

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



4EB1BD



C9F0F5



4EBD59



5F777A



FAFAFA



7A7A7A

Same Dimension

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



4EB1BD



49E2F5



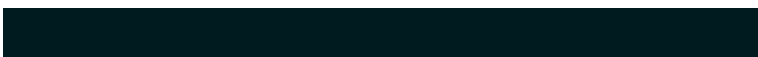
4E7ABD



555D5E



008D9E



001B1F

Inverse Universe

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



BD4EB1



F549E2



BD914E



5E555D



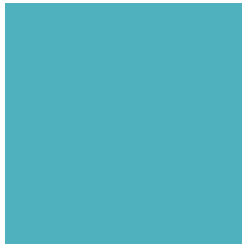
9E008D



1F001B

Previews

White Background



This preview shows how the Hex color 4EB1BD looks on a white background.

Color Contrast Check

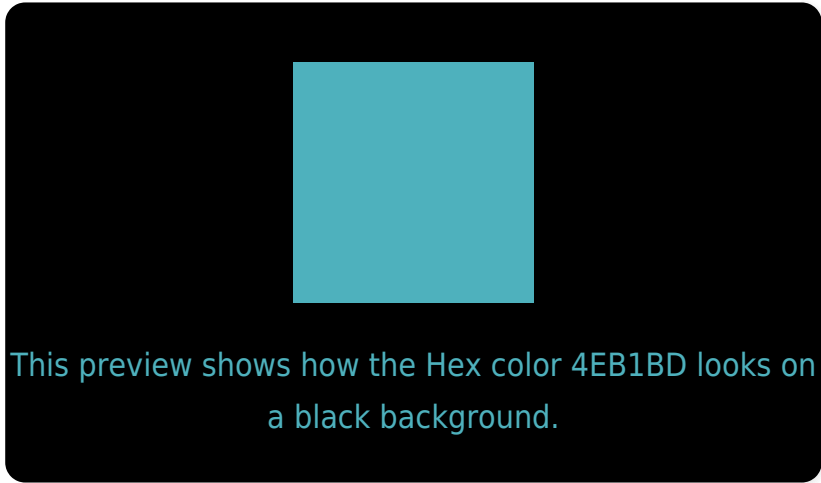
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

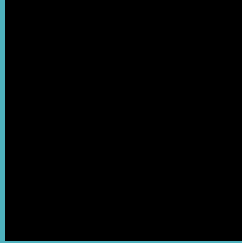
Any Text WCAG AA ✓ Pass

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 4EB1BD Background



This preview shows how black text looks on a background with the Hex color 4EB1BD.

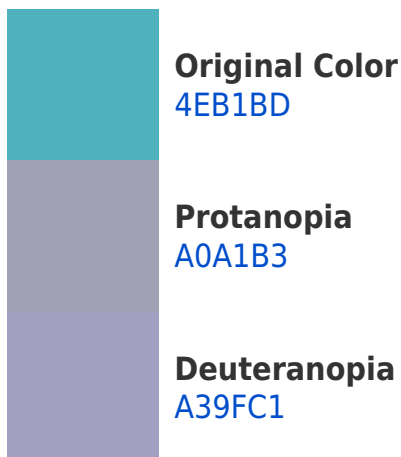


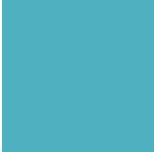
This preview shows how white text looks on a background with the Hex color 4EB1BD.

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](#).

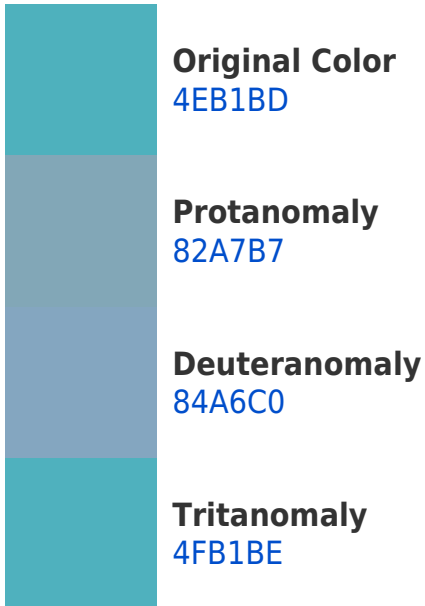
Dichromacy





Tritanopia
4FB1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4EB1BD 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 #4EB1BD looks like.

```
.text, #text, p{  
    color:#4EB1BD  
}
```

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 #4EB1BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EB1BD
}
```

Border

The CSS property to change the border of an element to Hex 4EB1BD 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
#4EB1BD }
```

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

```
.border{ border-color:#4EB1BD }
```

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

Here you see how a box with a 4 pixel #4EB1BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EB1BD; -webkit-box-shadow:4px 4px  
4px 4px #4EB1BD; box-shadow:4px 4px 4px  
4px #4EB1BD }
```

Background

The CSS property to change the background color of an element to Hex 4EB1BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EB1BD }
```

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

```
.background{ background-color:#4EB1BD }
```

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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