

Converting Colors

Hex(4EB1B1)

Have a look what the booklet for
Hex(4EB1B1) contains.

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Color

Hex(4EB1B1)

Conversions

Conversions Part 1

Format	Color
Hex	4EB1B1
RGB	78, 177, 177
RGB Percent	31%, 69%, 69%
CMY	0.6941, 0.3059, 0.3059
CMYK	0.56, 0.00, 0.00, 0.31
HSL	180°, 39%, 50%
HSV	180°, 56%, 69%
XYZ	26.7998, 36.2383, 47.1772
YIQ	147.3990, -59.0040, -20.9880

Conversions

Conversions Part 2

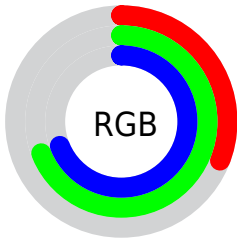
Format	Color
RYB	78, 128, 177
Decimal	5157297
CIELab	66.70, -28.60, -8.75
CIElCh	67, 29.912, 197.012
Yxy	36.2383, 0.2432, 0.3288
Android (android.graphics.Color)	4283347377 (0xFF4EB1B1)
YUV	147.3990, 14.5933, -60.8629
Hunter-Lab	60.1983, -25.8800, -4.3266

Details

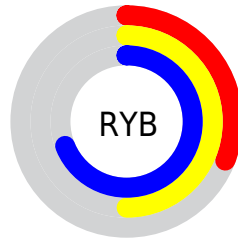
The Hex color **4EB1B1** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B14E4E**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **88E9E9**, and **007C7D** is the 20% darker color. If you saturate the color by 10%, you get **3CB1B1**, and if you desaturate by 10%, it is **60B1B1**.

Distribution



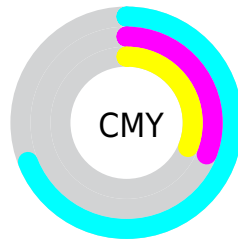
- Red (31%)
- Green (69%)
- Blue (69%)



- Red (31%)
- Yellow (50%)
- Blue (69%)



- Cyan (56%)
- Magenta (0%)
- Yellow (0%)
- Black (31%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 4EB1B1 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 4EB1B1 by changing the saturation by 10% instead.

 4EB1B1

 4EB1B1

FFFFFF

 2E9696

 88E9E9

 007C7D

 A5FFFF

 006364

 C2FFFF

 004A4C

 E0FFFF

 003335

 F0FFFF

 002020

 000007

 000000

 4EB1B1

 4EB1B1

■ 3CB1B1

■ 60B1B1

■ 2BB1B1

■ 71B1B1

■ 19B1B1

■ 83B1B1

■ 07B1B1

■ 95B1B1

■ 00B1B1

■ A7B1B1

■ B8B1B1

■ CAB1B1

■ DCB1B1

■ EDB1B1

Harmonies

Analogous

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



67B095



4EB1B1



4EAEC9

Triad

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



4EB1B1



B996C7



C09D6E

Complementary

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



4EB1B1



B14E4E

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.



D2947C



4EB1B1



D08FAF

Square

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



4EB1B1



96A0D5



D88F94



A5A56E

Rectangle

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



4EB1B1



61ABD3



D88F94



C79971

Sweetspot

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



4EB1B1



BEE6E6



4EB14E



5C7373



F2F2F2



737373

Same Dimension

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



4EB1B1



4CE6E6



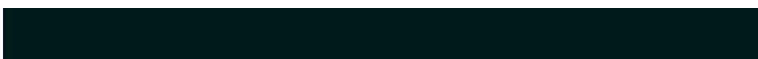
4E80B1



505959



009999



001A1A

Inverse Universe

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



B14EB1



E64CE6



B1804E



595059



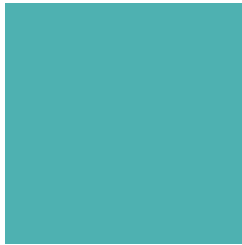
990099



1A001A

Previews

White Background



This preview shows how the Hex color 4EB1B1 looks on a white background.

Color Contrast Check

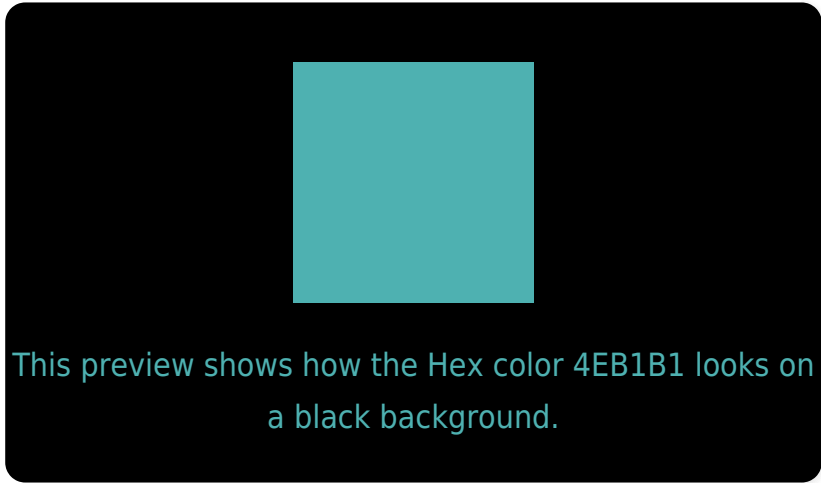
Large Text (above 18pt) WCAG AA × Fail

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

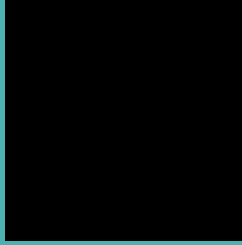
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

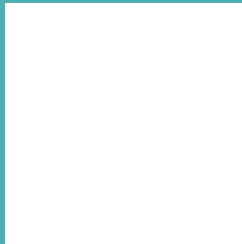
Any Text WCAG AAA ✓ Pass

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

Hex 4EB1B1 Background



This preview shows how black text looks on a background with the Hex color 4EB1B1.

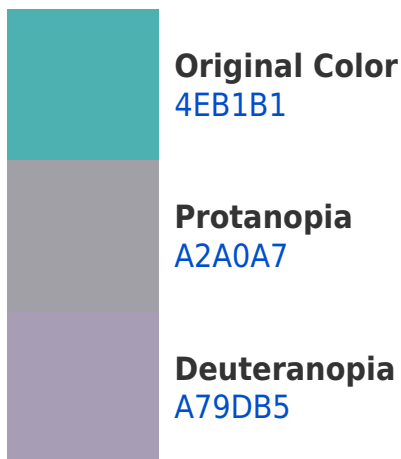


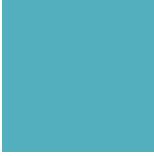
This preview shows how white text looks on a background with the Hex color 4EB1B1.

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](#).

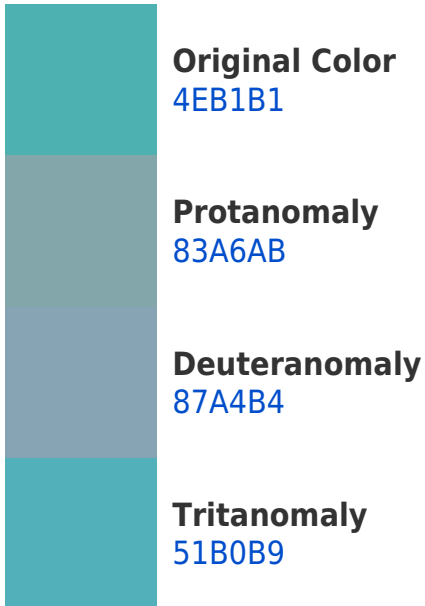
Dichromacy





Tritanopia
53AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4EB1B1 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 #4EB1B1 looks like.

```
.text, #text, p{  
    color:#4EB1B1  
}
```

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 #4EB1B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EB1B1
}
```

Border

The CSS property to change the border of an element to Hex 4EB1B1 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
#4EB1B1 }
```

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

```
.border{ border-color:#4EB1B1 }
```

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

Here you see how a box with a 4 pixel #4EB1B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EB1B1; -webkit-box-shadow:4px 4px  
4px 4px #4EB1B1; box-shadow:4px 4px 4px  
4px #4EB1B1 }
```

Background

The CSS property to change the background color of an element to Hex 4EB1B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EB1B1 }
```

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

```
.background{ background-color:#4EB1B1 }
```

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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