

Converting Colors

Hex(4EB3C1)

Have a look what the booklet for
Hex(4EB3C1) contains.

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Color

Hex(4EB3C1)

Conversions

Conversions Part 1

Format	Color
Hex	4EB3C1
RGB	78, 179, 193
RGB Percent	31%, 70%, 76%
CMY	0.6941, 0.2980, 0.2431
CMYK	0.60, 0.07, 0.00, 0.24
HSL	187°, 48%, 53%
HSV	187°, 60%, 76%
XYZ	28.8876, 37.7102, 56.2083
YIQ	150.3970, -64.6900, -17.0580

Conversions

Conversions Part 2

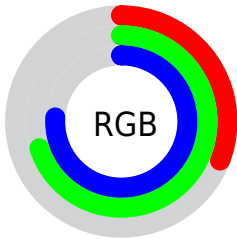
Format	Color
RYB	78, 132, 193
Decimal	5157825
CIELab	67.81, -25.06, -15.95
CIElCh	68, 29.705, 212.465
Yxy	37.7102, 0.2352, 0.3071
Android (android.graphics.Color)	4283347905 (0xFF4EB3C1)
YUV	150.3970, 21.0033, -63.4922
Hunter-Lab	61.4086, -23.4957, -11.2831

Details

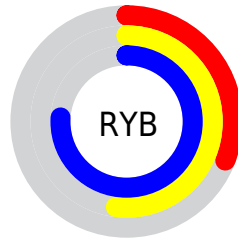
The Hex color **4EB3C1** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **C15C4E**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **8AEBF9**, and **007E8B** is the 20% darker color. If you saturate the color by 10%, you get **3BB1C1**, and if you desaturate by 10%, it is **61B5C1**.

Distribution



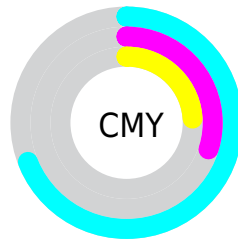
- Red (31%)
- Green (70%)
- Blue (76%)



- Red (31%)
- Yellow (52%)
- Blue (76%)



- Cyan (60%)
- Magenta (7%)
- Yellow (0%)
- Black (24%)



- Cyan (69%)
- Magenta (30%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4EB3C1 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 4EB3C1 by changing the saturation by 10% instead.

 4EB3C1

 4EB3C1

FFFFFF

 2C98A6

 8AEBF9

 007E8B

 A7FFFF

 006572

 C4FFFF

 004C59

 E2FFFF

 003542

 00212C

 000118

 000000

 4EB3C1

 4EB3C1

■ 3BB1C1

■ 61B5C1

■ 27AEC1

■ 75B8C1

■ 14ACC1

■ 88BAC1

■ 01AAC1

■ 9BBCC1

■ 00AAC1

■ AFBFC1

■ C2C1C1

■ D5C3C1

■ E8C6C1

■ FCC8C1

Harmonies

Analogous

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



5CB4A7



4EB3C1



60AFD4

Triad

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



4EB3C1



C995BE



B6A470

Complementary

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



4EB3C1



C15C4E

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.



CD9B76



4EB3C1



D991A4

Square

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



4EB3C1



AC9ED2



D9948A



99AC77

Rectangle

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



4EB3C1



78AADA



D9948A



BEA170

Sweetspot

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



4EB3C1



CDF4FA



4EC15B



617A7D



FCFCFC



7D7D7D

Same Dimension

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



4EB3C1



46E4FA



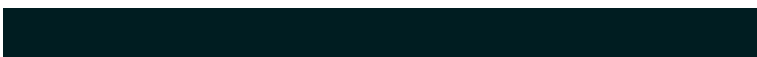
4E7AC1



576061



008DA1



001D21

Inverse Universe

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



C14EB3



FA46E4



C1954E



615760



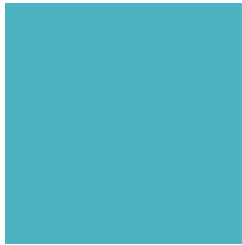
A1008D



21001D

Previews

White Background



This preview shows how the Hex color 4EB3C1 looks on a white background.

Color Contrast Check

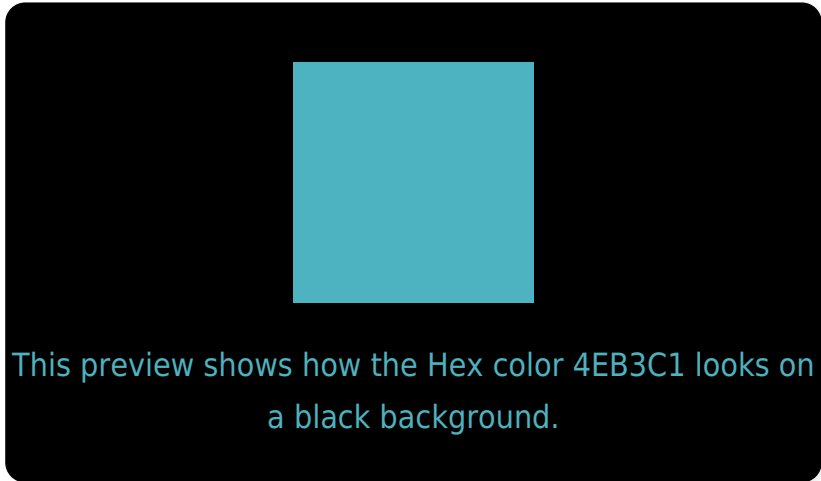
Large Text (above 18pt) WCAG AA × Fail

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

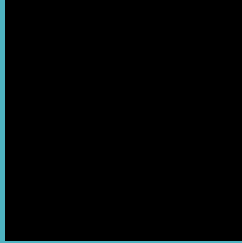
Any Text WCAG AA ✓ Pass

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 4EB3C1 Background



This preview shows how black text looks on a background with the Hex color 4EB3C1.

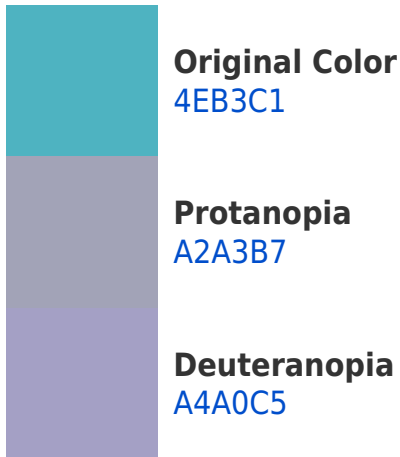


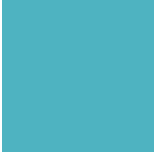
This preview shows how white text looks on a background with the Hex color 4EB3C1.

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](#).

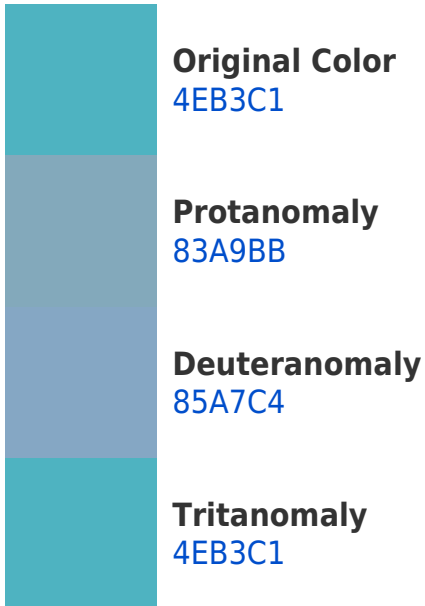
Dichromacy



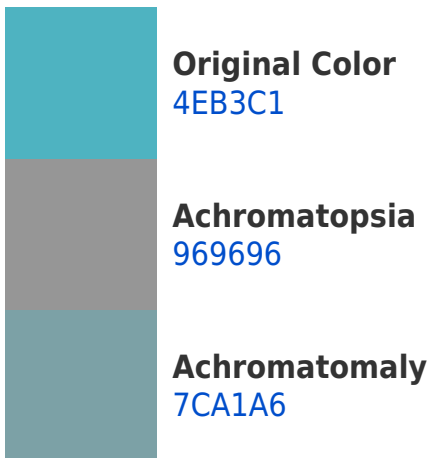


Tritanopia
4EB3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4EB3C1 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 #4EB3C1 looks like.

```
.text, #text, p{  
    color:#4EB3C1  
}
```

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 #4EB3C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EB3C1
}
```

Border

The CSS property to change the border of an element to Hex 4EB3C1 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
#4EB3C1 }
```

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

```
.border{ border-color:#4EB3C1 }
```

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

Here you see how a box with a 4 pixel #4EB3C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EB3C1; -webkit-box-shadow:4px 4px  
4px 4px #4EB3C1; box-shadow:4px 4px 4px  
4px #4EB3C1 }
```

Background

The CSS property to change the background color of an element to Hex 4EB3C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EB3C1 }
```

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

```
.background{ background-color:#4EB3C1 }
```

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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