

Converting Colors

Hex(4EC6B7)

Have a look what the booklet for
Hex(4EC6B7) contains.

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Color

Hex(4EC6B7)

Conversions

Conversions Part 1

Format	Color
Hex	4EC6B7
RGB	78, 198, 183
RGB Percent	31%, 78%, 72%
CMY	0.6941, 0.2235, 0.2824
CMYK	0.61, 0.00, 0.08, 0.22
HSL	172°, 51%, 54%
HSV	172°, 61%, 78%
XYZ	31.8832, 45.4268, 51.8876
YIQ	160.4100, -66.7050, -30.1050

Conversions

Conversions Part 2

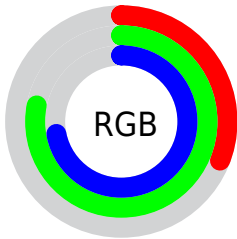
Format	Color
RYB	78, 142, 198
Decimal	5162679
CIELab	73.17, -36.95, -2.47
CIELCh	73, 37.033, 183.829
Yxy	45.4268, 0.2468, 0.3516
Android (android.graphics.Color)	4283352759 (0xFF4EC6B7)
YUV	160.4100, 11.1369, -72.2736
Hunter-Lab	67.3994, -33.5097, 1.5350

Details

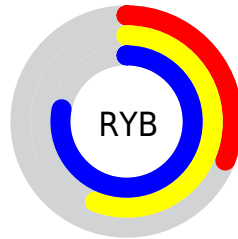
The Hex color **4EC6B7** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **C64E5D**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **8BFFEF**, and **008F82** is the 20% darker color. If you saturate the color by 10%, you get **3AC6B5**, and if you desaturate by 10%, it is **62C6B9**.

Distribution



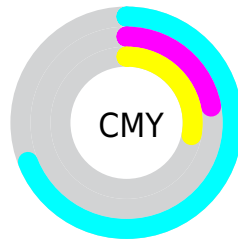
- Red (31%)
- Green (78%)
- Blue (72%)



- Red (31%)
- Yellow (56%)
- Blue (78%)



- Cyan (61%)
- Magenta (0%)
- Yellow (8%)
- Black (22%)



- Cyan (69%)
- Magenta (22%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4EC6B7 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 4EC6B7 by changing the saturation by 10% instead.

 4EC6B7

 4EC6B7

FFFFFF

 2AAA9C

 8BFFEF

 008F82

 A8FFFF

 007569

 C6FFFF

 005C51

 E4FFFF

 00443A

 002D25

 001410

 000000

 4EC6B7

 4EC6B7

 3AC6B5

 62C6B9

 26C6B2

 76C6BC

 13C6B0

 89C6BE

 00C6AD

 9DC6C1

 B1C6C3

 C5C6C6

 D9C6C8

 ECC6CB

 FFC6CD

Harmonies

Analogous

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



79C395



4EC6B7



32C5D8

Triad

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



4EC6B7



BEA9EC



E3A778

Complementary

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



4EC6B7



C64E5D

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.



F49D90



4EC6B7



E29ED2

Square

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



4EC6B7



8BB5F7



F599B1



C6B36F

Rectangle

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



4EC6B7



42C1E9



F599B1



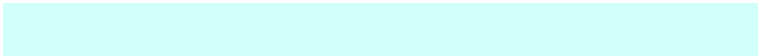
EAA47E

Sweetspot

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



4EC6B7



D1FFF9



5EC64E



63807C



000000



808080

Same Dimension

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



4EC6B7



45FFE8



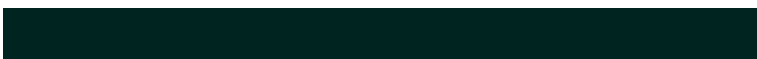
4E9AC6



5A6362



00A38F



00241F

Inverse Universe

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



C64E5D



FF455C



C67A4E



635A5B



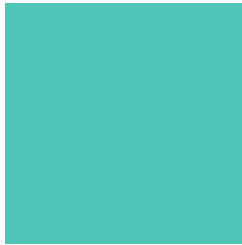
A30014



240004

Previews

White Background



This preview shows how the Hex color 4EC6B7 looks on a white background.

Color Contrast Check

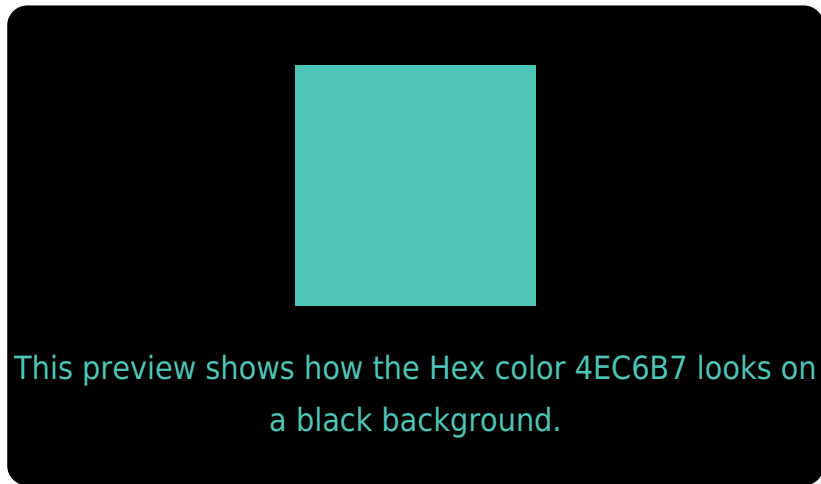
Large Text (above 18pt) WCAG AA × Fail

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

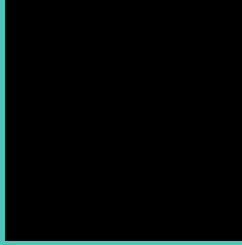
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

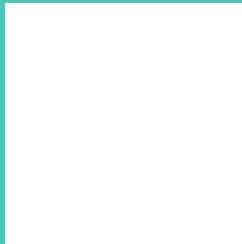
Any Text WCAG AAA ✓ Pass

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

Hex 4EC6B7 Background



This preview shows how black text looks on a background with the Hex color 4EC6B7.

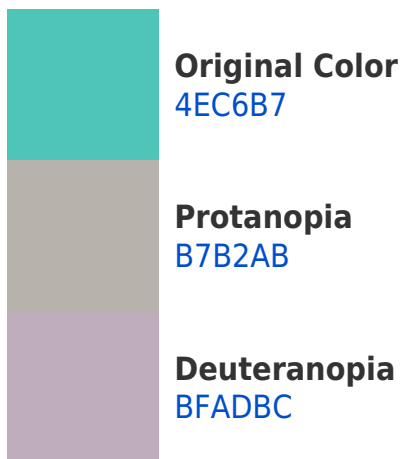


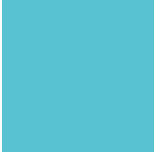
This preview shows how white text looks on a background with the Hex color 4EC6B7.

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](#).

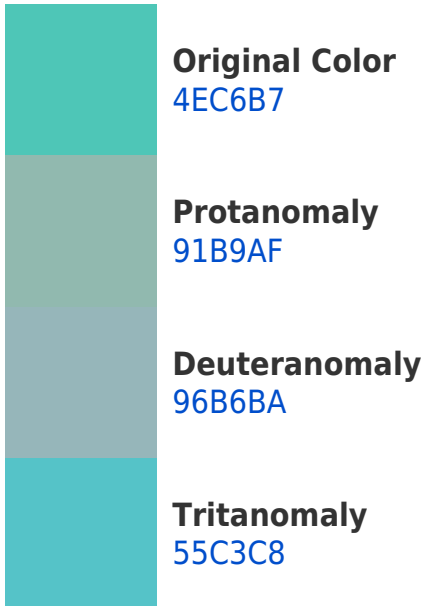
Dichromacy



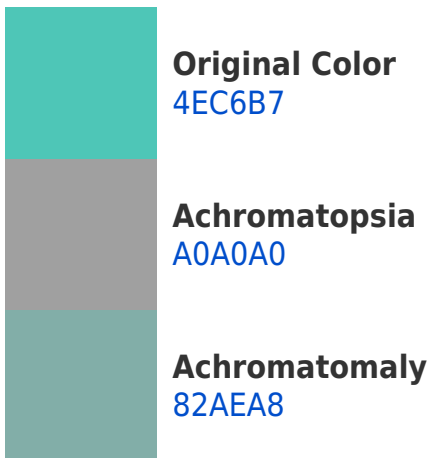


Tritanopia
59C2D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4EC6B7 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 #4EC6B7 looks like.

```
.text, #text, p{  
    color:#4EC6B7  
}
```

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 #4EC6B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EC6B7  
}
```

Border

The CSS property to change the border of an element to Hex 4EC6B7 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  
#4EC6B7 }
```

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

```
.border{ border-color:#4EC6B7 }
```

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

Here you see how a box with a 4 pixel #4EC6B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EC6B7; -webkit-box-shadow:4px 4px  
4px 4px #4EC6B7; box-shadow:4px 4px 4px  
4px #4EC6B7 }
```

Background

The CSS property to change the background color of an element to Hex 4EC6B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EC6B7 }
```

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

```
.background{ background-color:#4EC6B7 }
```

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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