

Converting Colors

Hex(4EC4BF)

Have a look what the booklet for
Hex(4EC4BF) contains.

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Color

Hex(4EC4BF)

Conversions

Conversions Part 1

Format	Color
Hex	4EC4BF
RGB	78, 196, 191
RGB Percent	31%, 77%, 75%
CMY	0.6941, 0.2314, 0.2510
CMYK	0.60, 0.00, 0.03, 0.23
HSL	177°, 50%, 54%
HSV	177°, 60%, 77%
XYZ	32.2858, 44.8611, 56.2476
YIQ	160.1480, -68.7230, -26.5710

Conversions

Conversions Part 2

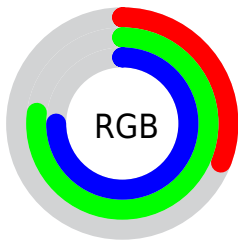
Format	Color
RYB	78, 138, 196
Decimal	5162175
CIELab	72.80, -33.89, -7.37
CIELCh	73, 34.685, 192.272
Yxy	44.8611, 0.2420, 0.3363
Android (android.graphics.Color)	4283352255 (0xFF4EC4BF)
YUV	160.1480, 15.2100, -72.0438
Hunter-Lab	66.9785, -31.1695, -2.9060

Details

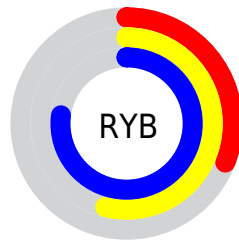
The Hex color **4EC4BF** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted spring green. A complement of this color would be **C44E53**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **8BDFD7**, and **008E8A** is the 20% darker color. If you saturate the color by 10%, you get **3AC4BE**, and if you desaturate by 10%, it is **62C4C0**.

Distribution



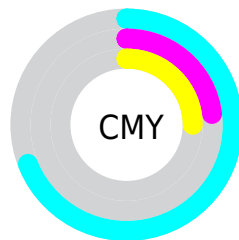
- Red (31%)
- Green (77%)
- Blue (75%)



- Red (31%)
- Yellow (54%)
- Blue (77%)



- Cyan (60%)
- Magenta (0%)
- Yellow (3%)
- Black (23%)



- Cyan (69%)
- Magenta (23%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4EC4BF 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 4EC4BF by changing the saturation by 10% instead.

 4EC4BF

 4EC4BF

FFFFFF

 2AA8A4

 8BFD7

 008E8A

 A9FFF

 007470

 C6FFF

 005B58

 E4FFF

 004241

 002C2B

 001217

 000000

 4EC4BF

 4EC4BF

 3AC4BE

 62C4C0

 27C4BD

 75C4C1

 13C4BD

 89C4C1

 00C4BC

 9CC4C2

 B0C4C3

 C4C4C4

 D7C4C5

 EBC4C6

 FEC4C6

Harmonies

Analogous

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



72C39E



4EC4BF



45C2DC

Triad

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



4EC4BF



C7A6E2



D9AA77

Complementary

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



4EC4BF



C44E53

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.



ECA089



4EC4BF



E59DC7

Square

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



4EC4BF



9BB1F0



F19BA7



BBB574

Rectangle

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



4EC4BF



5ABEEA



F19BA7



E1A77B

Sweetspot

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



4EC4BF



D1FFFD



54C44E



63807E



000000



808080

Same Dimension

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



4EC4BF



47FFF7



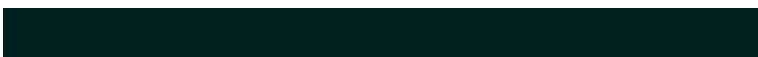
4E8FC4



576160



00A19A



002120

Inverse Universe

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



C44E53



FF474F



C4834E



615758



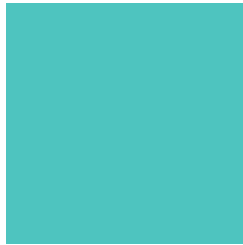
A10007



210001

Previews

White Background



This preview shows how the Hex color 4EC4BF looks on a white background.

Color Contrast Check

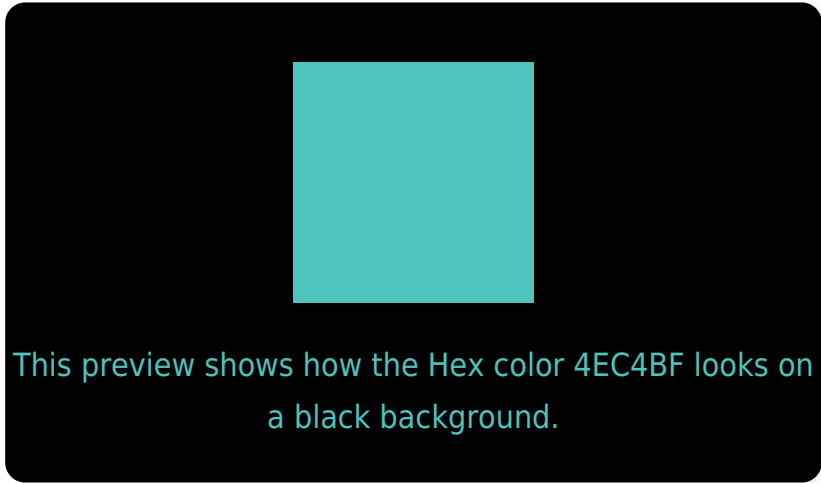
Large Text (above 18pt) WCAG AA × Fail

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

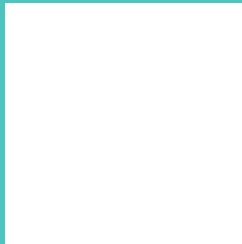
Any Text WCAG AAA ✓ Pass

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

Hex 4EC4BF Background



This preview shows how black text looks on a background with the Hex color 4EC4BF.

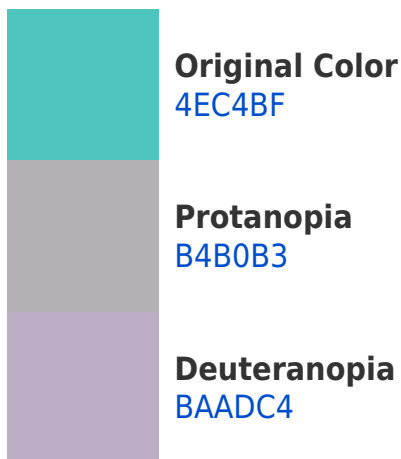


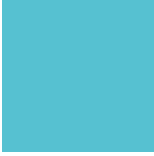
This preview shows how white text looks on a background with the Hex color 4EC4BF.

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



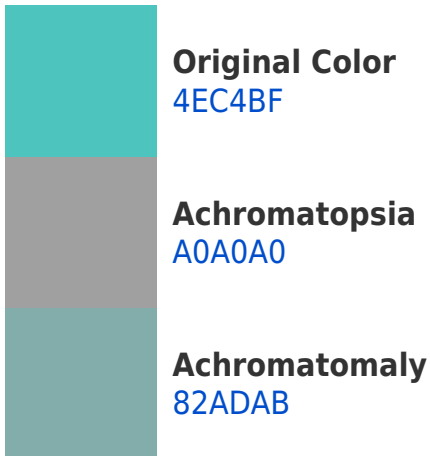


Tritanopia
56C1D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4EC4BF 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 #4EC4BF looks like.

```
.text, #text, p{  
    color:#4EC4BF  
}
```

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 #4EC4BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EC4BF }  
}
```

Border

The CSS property to change the border of an element to Hex 4EC4BF 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 #4EC4BF }  
}
```

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

```
.border{ border-color:#4EC4BF }
```

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

Here you see how a box with a 4 pixel #4EC4BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EC4BF; -webkit-box-shadow:4px 4px  
4px 4px #4EC4BF; box-shadow:4px 4px 4px  
4px #4EC4BF }
```

Background

The CSS property to change the background color of an element to Hex 4EC4BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EC4BF }
```

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

```
.background{ background-color:#4EC4BF }
```

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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