

Converting Colors

Hex(4EC9A5)

Have a look what the booklet for
Hex(4EC9A5) contains.

Hex(4EC9A5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4EC9A5)

Conversions

Conversions Part 1

Format	Color
Hex	4EC9A5
RGB	78, 201, 165
RGB Percent	31%, 79%, 65%
CMY	0.6941, 0.2118, 0.3529
CMYK	0.61, 0.00, 0.18, 0.21
HSL	162°, 53%, 55%
HSV	162°, 61%, 79%
XYZ	30.8201, 46.1096, 42.8730
YIQ	160.1190, -61.7520, -37.2720

Conversions

Conversions Part 2

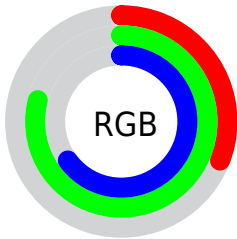
Format	Color
RYB	78, 150, 201
Decimal	5163429
CIELab	73.62, -42.77, 7.92
CIElCh	74, 43.499, 169.508
Yxy	46.1096, 0.2573, 0.3849
Android (android.graphics.Color)	4283353509 (0xFF4EC9A5)
YUV	160.1190, 2.4063, -72.0184
Hunter-Lab	67.9041, -37.8151, 10.0986

Details

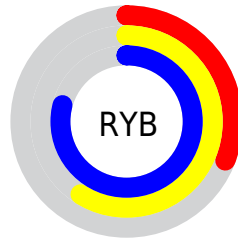
The Hex color **4EC9A5** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **C94E72**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **8AFFDC**, and **009271** is the 20% darker color. If you saturate the color by 10%, you get **3AC99F**, and if you desaturate by 10%, it is **62C9AB**.

Distribution



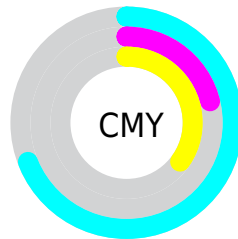
- Red (31%)
- Green (79%)
- Blue (65%)



- Red (31%)
- Yellow (59%)
- Blue (79%)



- Cyan (61%)
- Magenta (0%)
- Yellow (18%)
- Black (21%)



- Cyan (69%)
- Magenta (21%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4EC9A5 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 4EC9A5 by changing the saturation by 10% instead.



4EC9A5



4EC9A5

FFFFFF



2BAD8B



8AFFDC



009271



A8FFF9



007859



C5FFFF



005E41



E3FFFF



00462B



002F17



001500



000000



4EC9A5



4EC9A5

 3AC99F

 62C9AB

 26C999

 76C9B1

 12C993

 8AC9B7

 00C98E

 9EC9BD

 B3C9C2

 C7C9C8

 DBC9CE

 EFC9D4

 FFC9DA

Harmonies

Analogous

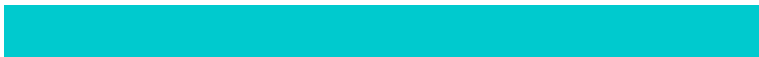
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86C480



4EC9A5



00CACE

Triad

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



4EC9A5



A4B0FF



F6A07A

Complementary

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



4EC9A5



C94E72

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.



FF969C



4EC9A5



D9A1E9

Square

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



4EC9A5



5BBDFE



F997C5



DBAE66

Rectangle

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



4EC9A5



00C8E6



F997C5



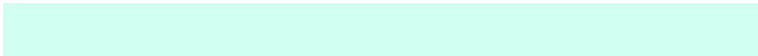
FC9C84

Sweetspot

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



4EC9A5



D1FFF2



73C94E



638077



000000



808080

Same Dimension

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



4EC9A5



45FFC9



4EB0C9



5A6361



00A373



002419

Inverse Universe

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



C94E72



FF457B



C9674E



635A5C



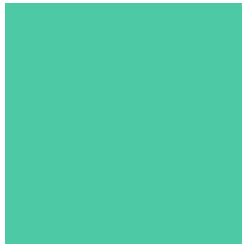
A30030



24000A

Previews

White Background



This preview shows how the Hex color 4EC9A5 looks on a white background.

Color Contrast Check

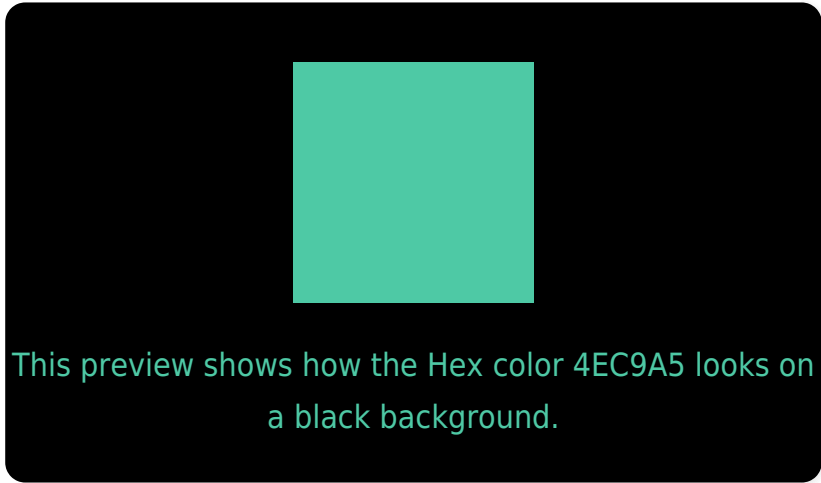
Large Text (above 18pt) WCAG AA × Fail

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

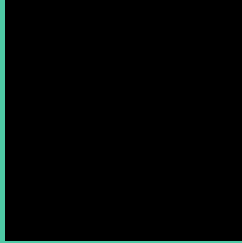
Any Text WCAG AA ✓ Pass

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 4EC9A5 Background



This preview shows how black text looks on a background with the Hex color 4EC9A5.

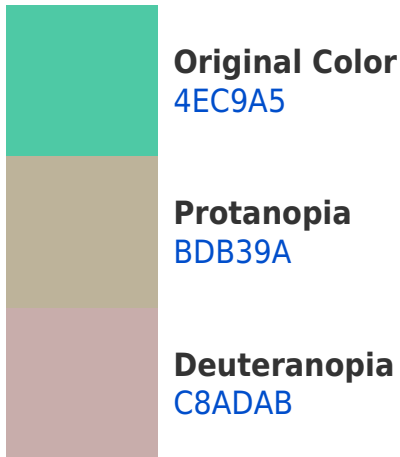


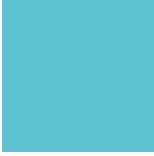
This preview shows how white text looks on a background with the Hex color 4EC9A5.

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](#).

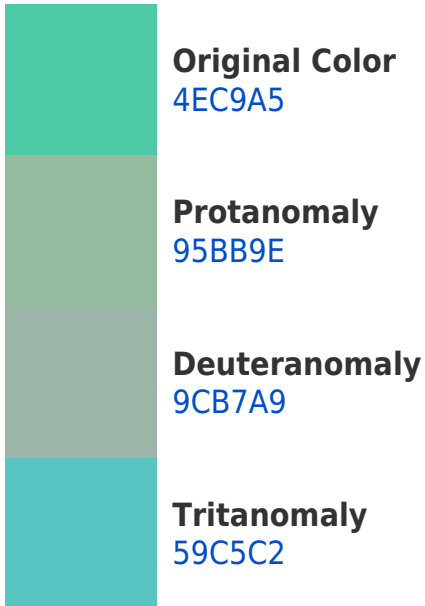
Dichromacy



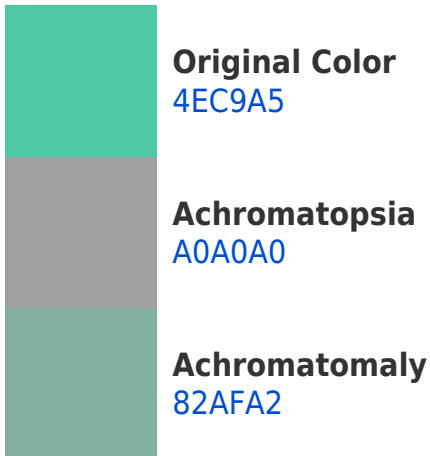


Tritanopia
5FC3D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4EC9A5 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 #4EC9A5 looks like.

```
.text, #text, p{  
    color:#4EC9A5  
}
```

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 #4EC9A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EC9A5  
}
```

Border

The CSS property to change the border of an element to Hex 4EC9A5 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  
#4EC9A5 }
```

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

```
.border{ border-color:#4EC9A5 }
```

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

Here you see how a box with a 4 pixel #4EC9A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EC9A5; -webkit-box-shadow:4px 4px  
4px 4px #4EC9A5; box-shadow:4px 4px 4px  
4px #4EC9A5 }
```

Background

The CSS property to change the background color of an element to Hex 4EC9A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EC9A5 }
```

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

```
.background{ background-color:#4EC9A5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor