

Converting Colors

Hex(4EB39A)

Have a look what the booklet for
Hex(4EB39A) contains.

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Color

Hex(4EB39A)

Conversions

Conversions Part 1

Format	Color
Hex	4EB39A
RGB	78, 179, 154
RGB Percent	31%, 70%, 60%
CMY	0.6941, 0.2980, 0.3961
CMYK	0.56, 0.00, 0.14, 0.30
HSL	165°, 40%, 50%
HSV	165°, 56%, 70%
XYZ	25.0947, 36.1930, 36.2352
YIQ	145.9510, -52.1710, -29.1870

Conversions

Conversions Part 2

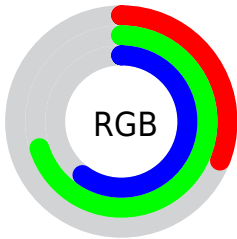
Format	Color
RYB	78, 136, 179
Decimal	5157786
CIELab	66.67, -35.56, 3.93
CIElCh	67, 35.777, 173.689
Yxy	36.1930, 0.2573, 0.3711
Android (android.graphics.Color)	4283347866 (0xFF4EB39A)
YUV	145.9510, 3.9682, -59.5930
Hunter-Lab	60.1606, -30.8236, 6.4016

Details

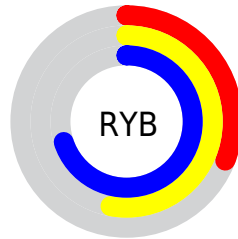
The Hex color **4EB39A** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B34E67**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **87EBD0**, and **007E67** is the 20% darker color. If you saturate the color by 10%, you get **3CB396**, and if you desaturate by 10%, it is **60B39E**.

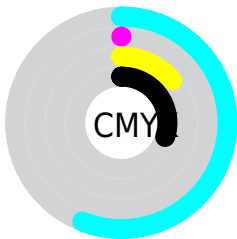
Distribution



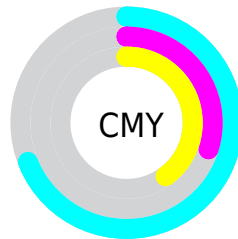
- Red (31%)
- Green (70%)
- Blue (60%)



- Red (31%)
- Yellow (53%)
- Blue (70%)



- Cyan (56%)
- Magenta (0%)
- Yellow (14%)
- Black (30%)



- Cyan (69%)
- Magenta (30%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4EB39A 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 4EB39A by changing the saturation by 10% instead.

 4EB39A

 4EB39A


FFFFFF

 2F9880

 87EBD0

 007E67

 A4FFED

 00644F

 C1FFFF

 004B38

 DEFFFF

 003423

 FCFFFF

 001F0D

 000000

 4EB39A

 4EB39A

 3CB396

 60B39E

 2AB391

 72B3A3

 18B38D

 84B3A7

 06B388

 96B3AC

 00B387

 A8B3B0

 B9B3B5

 CBB3B9

 DDB3BD

 EFB3C2

Harmonies

Analogous

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



78AF7B



4EB39A



22B3BB

Triad

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



4EB39A



9C9CDD



D6936F

Complementary

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



4EB39A



B34E67

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.



E18B8A



4EB39A



C491C9

Square

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



4EB39A



68A7E2



DC8AAA



BE9E62

Rectangle

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



4EB39A



21B1CE



DC8AAA



DB9077

Sweetspot

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



4EB39A



C1E8DE



67B34E



5E756F



F5F5F5



757575

Same Dimension

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



4EB39A



4AE8C1



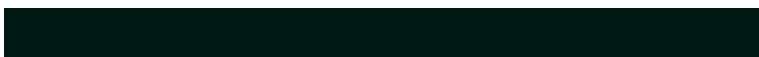
4E9AB3



505957



009973



001A13

Inverse Universe

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



B34E67



E84A71



B3674E



595053



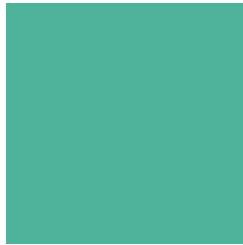
990026



1A0006

Previews

White Background



This preview shows how the Hex color 4EB39A 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



This preview shows how the Hex color 4EB39A looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

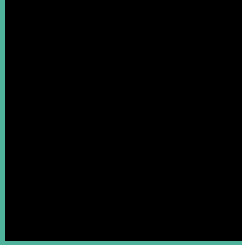
Any Text WCAG AA ✓ Pass

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 4EB39A Background



This preview shows how black text looks on a background with the Hex color 4EB39A.

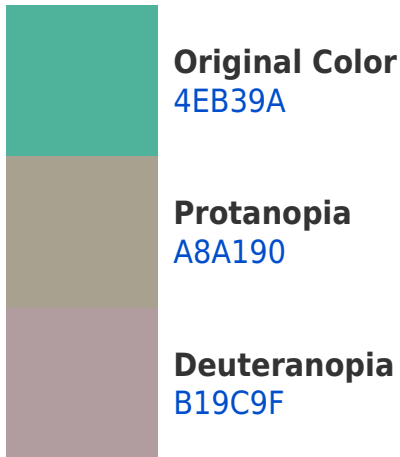


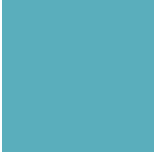
This preview shows how white text looks on a background with the Hex color 4EB39A.

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





Trichromacy



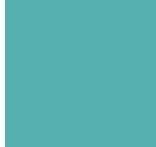
Original Color
4EB39A



Protanomaly
87A894



Deuteranomaly
8DA49D

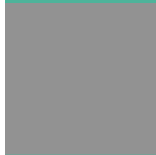


Tritanomaly
56B0B0

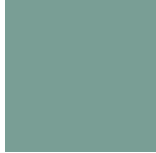
Monochromacy



Original Color
4EB39A



Achromatopsia
929292



Achromatomaly
799E95

CSS Examples

Text

The CSS property to change the color of the text to Hex 4EB39A 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 #4EB39A looks like.

```
.text, #text, p{  
    color:#4EB39A  
}
```

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 #4EB39A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EB39A
}
```

Border

The CSS property to change the border of an element to Hex 4EB39A 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
#4EB39A }
```

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

```
.border{ border-color:#4EB39A }
```

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

Here you see how a box with a 4 pixel #4EB39A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EB39A; -webkit-box-shadow:4px 4px  
4px 4px #4EB39A; box-shadow:4px 4px 4px  
4px #4EB39A }
```

Background

The CSS property to change the background color of an element to Hex 4EB39A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EB39A }
```

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

```
.background{ background-color:#4EB39A }
```

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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