

Converting Colors

Hex(4BBE9F)

Have a look what the booklet for
Hex(4BBE9F) contains.

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Color

Hex(4BBE9F)

Conversions

Conversions Part 1

Format	Color
Hex	4BBE9F
RGB	75, 190, 159
RGB Percent	29%, 75%, 62%
CMY	0.7059, 0.2549, 0.3765
CMYK	0.61, 0.00, 0.16, 0.25
HSL	164°, 47%, 52%
HSV	164°, 61%, 75%
XYZ	27.5731, 40.8260, 39.2278
YIQ	152.0810, -58.5890, -34.0210

Conversions

Conversions Part 2

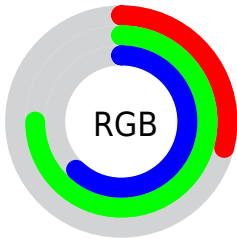
Format	Color
RYB	75, 141, 190
Decimal	4963999
CIELab	70.05, -39.93, 6.06
CIElCh	70, 40.385, 171.375
Yxy	40.8260, 0.2562, 0.3793
Android (android.graphics.Color)	4283154079 (0xFF4BBE9F)
YUV	152.0810, 3.4111, -67.6000
Hunter-Lab	63.8952, -34.7873, 8.3261

Details

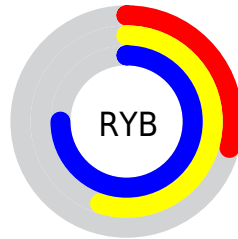
The Hex color **4BBE9F** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BE4B6A**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **86F7D6**, and **00886C** is the 20% darker color. If you saturate the color by 10%, you get **38BE9A**, and if you desaturate by 10%, it is **5EBEA4**.

Distribution



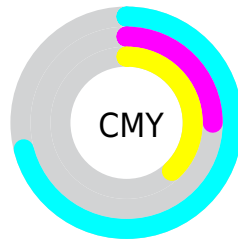
- Red (29%)
- Green (75%)
- Blue (62%)



- Red (29%)
- Yellow (55%)
- Blue (75%)



- Cyan (61%)
- Magenta (0%)
- Yellow (16%)
- Black (25%)



- Cyan (71%)
- Magenta (25%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4BBE9F 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 4BBE9F by changing the saturation by 10% instead.



4BBE9F



4BBE9F

FFFFFF



29A385



86F7D6



00886C



A3FFF2



006E53



C1FFFF



00553C



DEFFFF



003D27



FCFFFF



002812



000000



4BBE9F



4BBE9F



38BE9A



5EBEA4

 25BE95

 71BEA9

 12BE90

 84BEAE

 00BE8B

 97BEB3

 AABEB9

 BDBEBE

 D0BEC3

 E3BEC8

 F6BECD

Harmonies

Analogous

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



7EBA7C



4BBE9F



00BEC5

Triad

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



4BBE9F



9FA6EF



E79973

Complementary

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



4BBE9F



BE4B6A

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.



F29092



4BBE9F



CF98D9

Square

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



4BBE9F



60B2F3



EB8FB7



CCA562

Rectangle

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



4BBE9F



00BCDB



EB8FB7



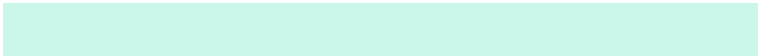
EC957C

Sweetspot

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



4BBE9F



CBF7EB



6CBE4B



617D76



FCFCFC



7D7D7D

Same Dimension

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



4BBE9F



43F7C7



4BA5BE



555E5C



009E73



001F16

Inverse Universe

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



BE4B6A



F74373



BE644B



5E5557



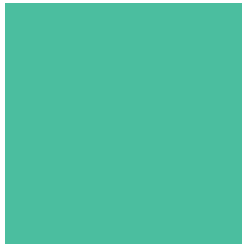
9E002B



1F0008

Previews

White Background



This preview shows how the Hex color 4BBE9F looks on a white background.

Color Contrast Check

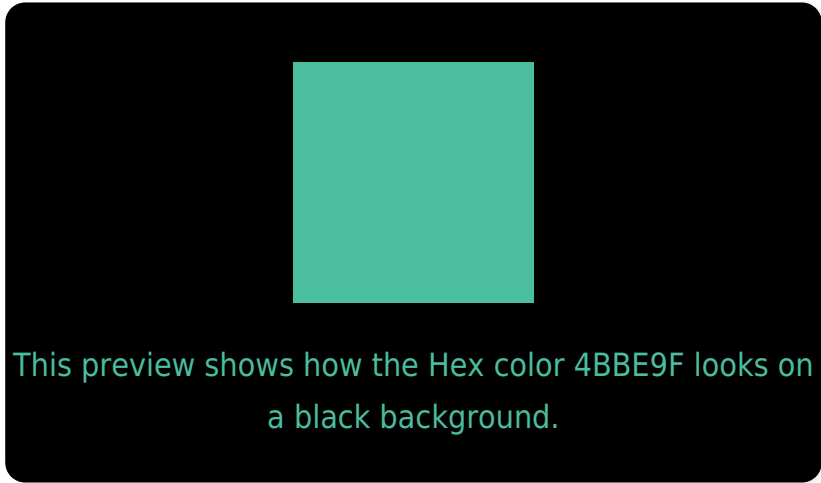
Large Text (above 18pt) WCAG AA × Fail

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

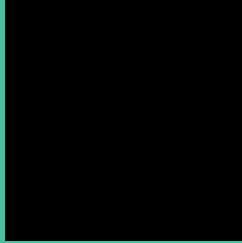
Any Text WCAG AA ✓ Pass

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 4BBE9F Background



This preview shows how black text looks on a background with the Hex color 4BBE9F.

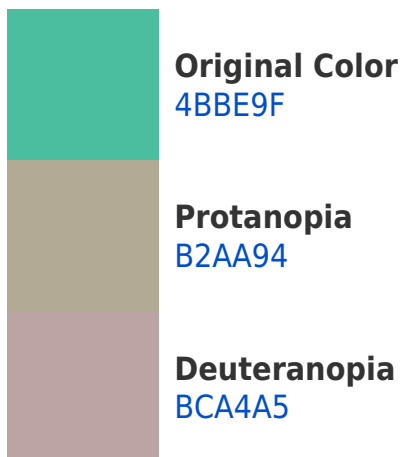


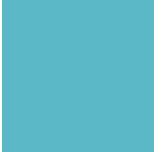
This preview shows how white text looks on a background with the Hex color 4BBE9F.

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
5AB8C7

Trichromacy



Original Color
4BBE9F



Protanomaly
8DB198



Deuteranomaly
93ADA3



Tritanomaly
55BAB8

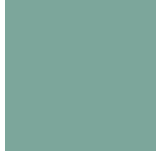
Monochromacy



Original Color
4BBE9F



Achromatopsia
989898



Achromatomaly
7CA69B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4BBE9F 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 #4BBE9F looks like.

```
.text, #text, p{  
    color:#4BBE9F  
}
```

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 #4BBE9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BBE9F
}
```

Border

The CSS property to change the border of an element to Hex 4BBE9F 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
#4BBE9F }
```

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

```
.border{ border-color:#4BBE9F }
```

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

Here you see how a box with a 4 pixel #4BBE9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BBE9F; -webkit-box-shadow:4px 4px  
4px 4px #4BBE9F; box-shadow:4px 4px 4px  
4px #4BBE9F }
```

Background

The CSS property to change the background color of an element to Hex 4BBE9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BBE9F }
```

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

```
.background{ background-color:#4BBE9F }
```

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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