

Converting Colors

Hex(4BB5AF)

Have a look what the booklet for
Hex(4BB5AF) contains.

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Color

Hex(4BB5AF)

Conversions

Conversions Part 1

Format	Color
Hex	4BB5AF
RGB	75, 181, 175
RGB Percent	29%, 71%, 69%
CMY	0.7059, 0.2902, 0.3137
CMYK	0.59, 0.00, 0.03, 0.29
HSL	177°, 42%, 50%
HSV	177°, 59%, 71%
XYZ	27.1634, 37.6387, 46.3908
YIQ	148.6220, -61.2500, -24.3380

Conversions

Conversions Part 2

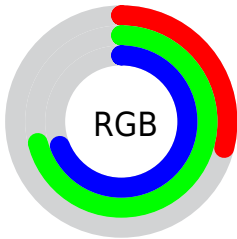
Format	Color
RYB	75, 130, 181
Decimal	4961711
CIELab	67.75, -31.66, -6.09
CIELCh	68, 32.242, 190.891
Yxy	37.6387, 0.2443, 0.3385
Android (android.graphics.Color)	4283151791 (0xFF4BB5AF)
YUV	148.6220, 13.0044, -64.5665
Hunter-Lab	61.3504, -28.3310, -1.8875

Details

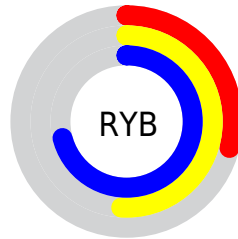
The Hex color **4BB5AF** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **B54B51**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **86EDE6**, and **00807B** is the 20% darker color. If you saturate the color by 10%, you get **39B5AE**, and if you desaturate by 10%, it is **5DB5B0**.

Distribution



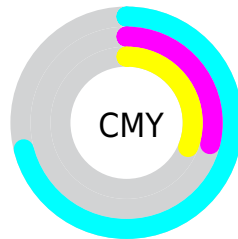
- Red (29%)
- Green (71%)
- Blue (69%)



- Red (29%)
- Yellow (51%)
- Blue (71%)



- Cyan (59%)
- Magenta (0%)
- Yellow (3%)
- Black (29%)



- Cyan (71%)
- Magenta (29%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4BB5AF 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 4BB5AF by changing the saturation by 10% instead.

 4BB5AF

 4BB5AF

FFFFFF

 299A94

 86EDE6

 00807B

 A3FFFF

 006662

 C0FFFF

 004E4A

 DEFFFF

 003634

 FCFFFF

 00221E

 000005

 000000

 4BB5AF

 4BB5AF

■ 39B5AE

■ 5DB5B0

■ 27B5AD

■ 6FB5B1

■ 15B5AC

■ 81B5B2

■ 03B5AB

■ 93B5B3

■ 00B5AB

■ A6B5B4

■ B8B5B5

■ CAB5B6

■ DCB5B7

■ EEB5B8

Harmonies

Analogous

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



6CB391



4BB5AF



42B3CA

Triad

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



4BB5AF



B69AD1



C99D6F

Complementary

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



4BB5AF



B54B51

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.



DA9480



4BB5AF



D291B9

Square

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



4BB5AF



8EA4DE



DE8F9B



AEA76B

Rectangle

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



4BB5AF



53B0D7



DE8F9B



D09A73

Sweetspot

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



4BB5AF



C0EBE8



52B54B



5B7574



F5F5F5



757575

Same Dimension

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



4BB5AF



46EBE1



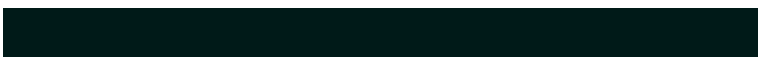
4B87B5



505959



009990



001A18

Inverse Universe

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



B54B51



EB4650



B5794B



595051



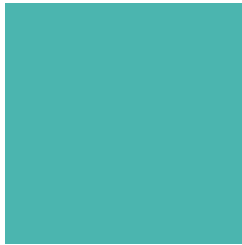
990009



1A0001

Previews

White Background



This preview shows how the Hex color 4BB5AF looks on a white background.

Color Contrast Check

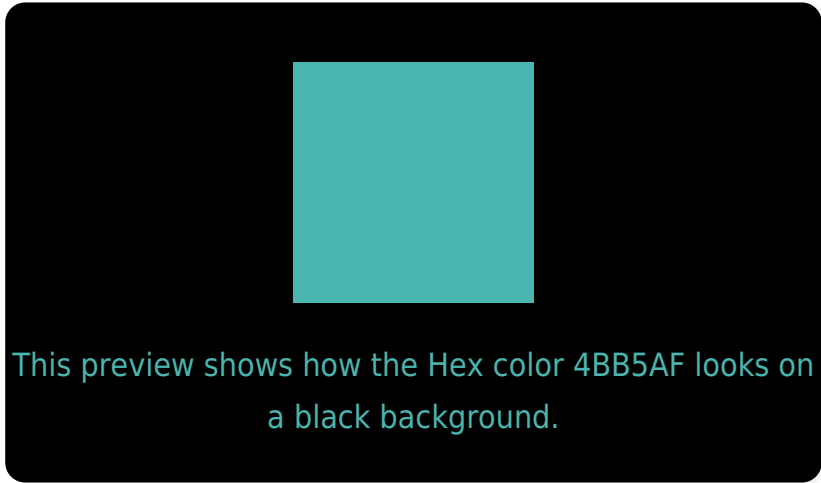
Large Text (above 18pt) WCAG AA × Fail

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

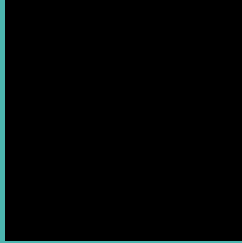
Any Text WCAG AA ✓ Pass

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 4BB5AF Background



This preview shows how black text looks on a background with the Hex color 4BB5AF.

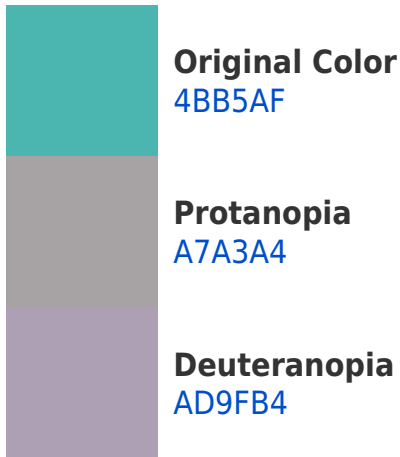


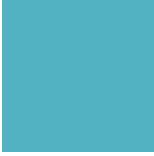
This preview shows how white text looks on a background with the Hex color 4BB5AF.

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](#).

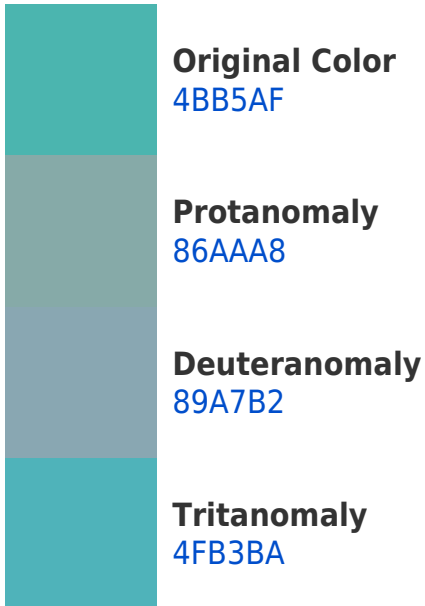
Dichromacy





Tritanopia
52B2C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4BB5AF 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 #4BB5AF looks like.

```
.text, #text, p{  
    color:#4BB5AF  
}
```

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 #4BB5AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BB5AF
}
```

Border

The CSS property to change the border of an element to Hex 4BB5AF 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
#4BB5AF }
```

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

```
.border{ border-color:#4BB5AF }
```

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

Here you see how a box with a 4 pixel #4BB5AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BB5AF; -webkit-box-shadow:4px 4px  
4px 4px #4BB5AF; box-shadow:4px 4px 4px  
4px #4BB5AF }
```

Background

The CSS property to change the background color of an element to Hex 4BB5AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BB5AF }
```

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

```
.background{ background-color:#4BB5AF }
```

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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