

Converting Colors

Hex(4BBACC)

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

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Color

Hex(4BBACC)

Conversions

Conversions Part 1

Format	Color
Hex	4BBACC
RGB	75, 186, 204
RGB Percent	29%, 73%, 80%
CMY	0.7059, 0.2706, 0.2000
CMYK	0.63, 0.09, 0.00, 0.20
HSL	188°, 56%, 55%
HSV	188°, 63%, 80%
XYZ	31.3596, 40.9733, 63.3826
YIQ	154.8630, -71.9340, -17.9340

Conversions

Conversions Part 2

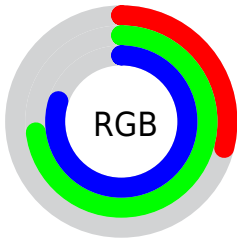
Format	Color
RYB	75, 135, 204
Decimal	4963020
CIELab	70.16, -25.87, -18.45
CIELCh	70, 31.771, 215.493
Yxy	40.9733, 0.2311, 0.3019
Android (android.graphics.Color)	4283153100 (0xFF4BBACC)
YUV	154.8630, 24.2245, -70.0399
Hunter-Lab	64.0104, -24.5684, -13.9012

Details

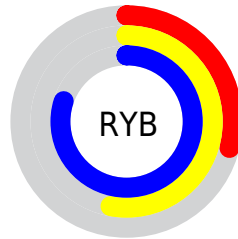
The Hex color **4BBACC** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **CC5D4B**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **89F2FF**, and **008596** is the 20% darker color. If you saturate the color by 10%, you get **37B7CC**, and if you desaturate by 10%, it is **5FBDCC**.

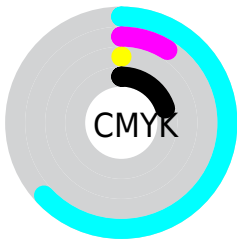
Distribution



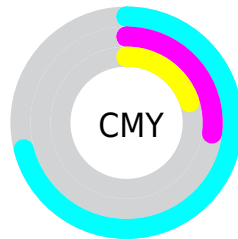
- Red (29%)
- Green (73%)
- Blue (80%)



- Red (29%)
- Yellow (53%)
- Blue (80%)



- Cyan (63%)
- Magenta (9%)
- Yellow (0%)
- Black (20%)



- Cyan (71%)
- Magenta (27%)
- Yellow (20%)

Brightness & Saturation Gradients

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

 4BBACC

 4BBACC

FFFFFF

 259FB1

 89F2FF

 008596

 A7FFFF

 006B7C

 C4FFFF

 005263

 E2FFFF

 003B4B

 002534

 000320

 000004

 000000

■ 4BBACC

■ 4BBACC

■ 37B7CC

■ 5FBDC

■ 22B4CC

■ 74C0CC

■ 0EB1CC

■ 88C3CC

■ 00B0CC

■ 9DC5CC

■ B1C8CC

■ C5CBCC

■ DACECC

■ EED1CC

■ FFD4CC

Harmonies

Analogous

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



59BBB0



4BBACC



62B5DF

Triad

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



4BBACC



D599C4



BAAB72

Complementary

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



4BBACC



CC5D4B

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.



D4A278



4BBACC



E496A7

Square

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



4BBACC



B6A2DB



E3998B



9BB47C

Rectangle

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



4BBACC



7EB0E5



E3998B



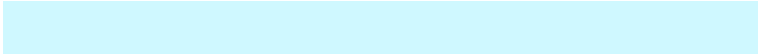
C4A872

Sweetspot

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



4BBACC



CFF8FF



4BCC5C



627B80



000000



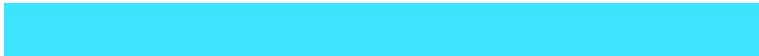
808080

Same Dimension

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



4BBACC



3DE4FF



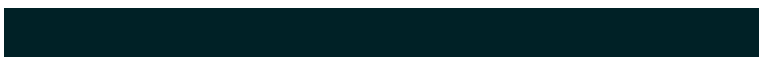
4B7ACC



5C6566



008FA6



002126

Inverse Universe

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



CC4BBA



FF3DE4



CC9D4B



665C65



A6008F



260021

Previews

White Background



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

Color Contrast Check

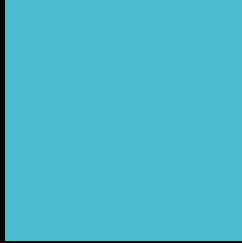
Large Text (above 18pt) WCAG AA × Fail

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 4BBACC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

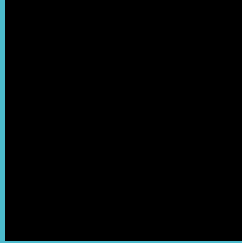
Any Text WCAG AA ✓ Pass

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 4BBACC Background



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

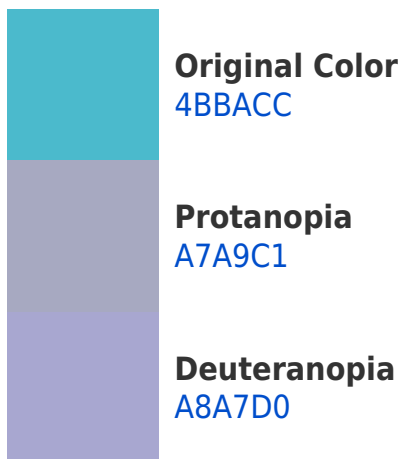


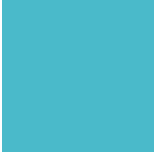
This preview shows how white text looks on a background with the Hex color 4BBACC.

Color Blindness Simulation

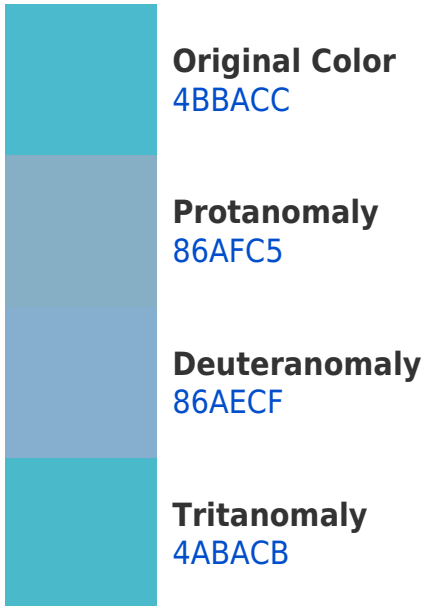
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

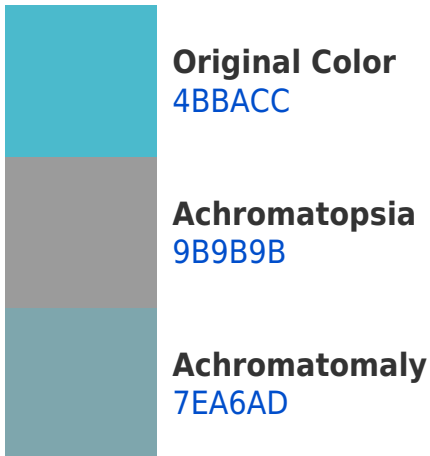




Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #4BBACC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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