

Converting Colors

Hex(4CBACC)

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

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Color

Hex(4CBACC)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 4CBACC |
| RGB | 76, 186, 204 |
| RGB Percent | 30%, 73%, 80% |
| CMY | 0.7020, 0.2706, 0.2000 |
| CMYK | 0.63, 0.09, 0.00, 0.20 |
| HSL | 188°, 56%, 55% |
| HSV | 188°, 63%, 80% |
| XYZ | 31.4385, 41.0139, 63.3862 |
| YIQ | 155.1620, -71.3380, -17.7220 |

Conversions

Conversions Part 2

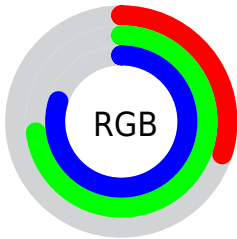
| Format | Color |
|-------------------------------------|---|
| RYB | 76, 135, 204 |
| Decimal | 5028556 |
| CIELab | 70.19, -25.70, -18.40 |
| CIELCh | 70, 31.609, 215.601 |
| Yxy | 41.0139, 0.2314, 0.3019 |
| Android (android.graphics.Color) | 4283218636 (0xFF4CBACC) |
| YUV | 155.1620, 24.0771, -69.4251 |
| Hunter-Lab | 64.0421, -24.4475, -13.8533 |

Details

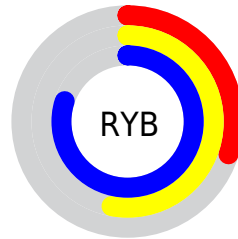
The Hex color **4CBACC** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **CC5E4C**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **8AF2FF**, and **008596** is the 20% darker color. If you saturate the color by 10%, you get **38B7CC**, and if you desaturate by 10%, it is **60BDCC**.

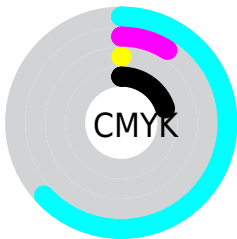
Distribution



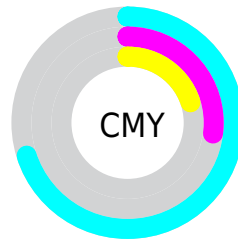
- Red (30%)
- Green (73%)
- Blue (80%)



- Red (30%)
- Yellow (53%)
- Blue (80%)



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



- Cyan (70%)
- Magenta (27%)
- Yellow (20%)

Brightness & Saturation Gradients

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

 4CBACC

 4CBACC

FFFFFF

 279FB1

 8AF2FF

 008596

 A7FFFF

 006B7C

 C5FFFF

 005263

 E3FFFF

 003B4B

 002534

 000320

 000004

 000000

 4CBACC

 4CBACC

 38B7CC

 60BDCC

 23B4CC

 75C0CC

 0FB1CC

 89C3CC

 00AFCC

 9EC5CC

 B2C8CC

 C6CBCC

 DBCECC

 EFD1CC

 FFD4CC

Harmonies

Analogous

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



5ABBB0



4CBACC



63B5DF

Triad

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



4CBACC



D599C4



BAAC72

Complementary

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



4CBACC



CC5E4C

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.



D3A278



4CBACC



E496A7

Square

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



4CBACC



B6A2DA



E2998C



9BB47C

Rectangle

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



4CBACC



7FB0E4



E2998C



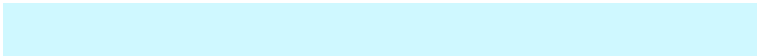
C3A872

Sweetspot

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



4CBACC



CFF8FF



4CCC5D



627B80



000000



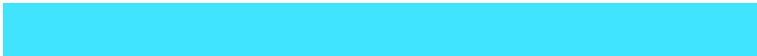
808080

Same Dimension

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



4CBACC



40E4FF



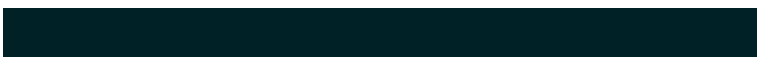
4C7BCC



5C6566



008EA6



002126

Inverse Universe

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



CC4CBA



FF40E4



CC9D4C



665C65



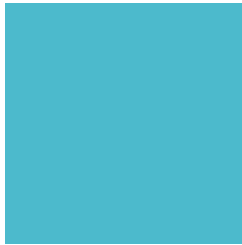
A6008E



260021

Previews

White Background



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

Color Contrast Check

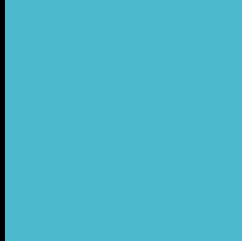
Large Text (above 18pt) WCAG AA × Fail

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 4CBACC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

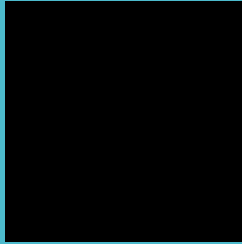
Any Text WCAG AA ✓ Pass

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 4CBACC Background



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

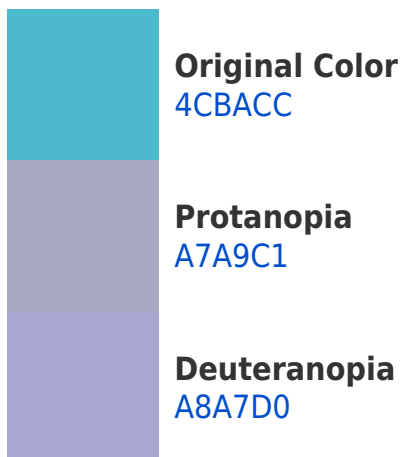


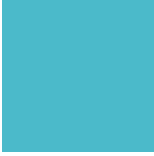
This preview shows how white text looks on a background with the Hex color 4CBACC.

Color Blindness Simulation

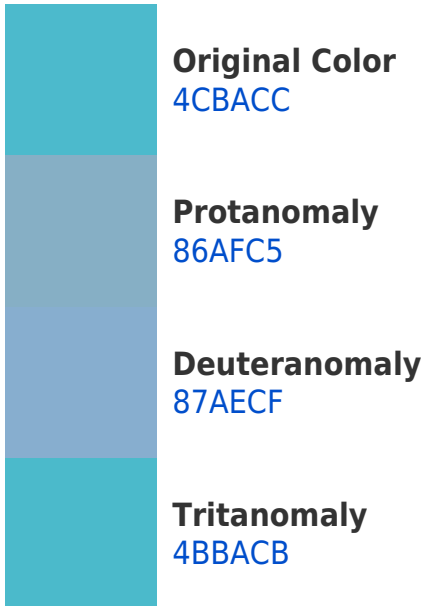
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

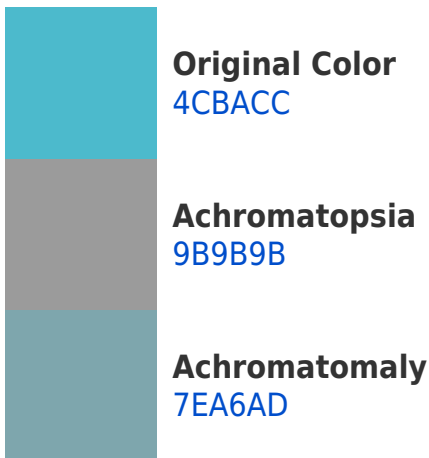




Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #4CBACC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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