

Converting Colors

Hex(4CABC8)

Have a look what the booklet for
Hex(4CABC8) contains.

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Color

Hex(4CABC8)

Conversions

Conversions Part 1

Format	Color
Hex	4CABC8
RGB	76, 171, 200
RGB Percent	30%, 67%, 78%
CMY	0.7020, 0.3294, 0.2157
CMYK	0.62, 0.15, 0.00, 0.22
HSL	194°, 53%, 54%
HSV	194°, 62%, 78%
XYZ	27.9687, 34.8325, 59.8928
YIQ	145.9010, -65.9290, -11.1210

Conversions

Conversions Part 2

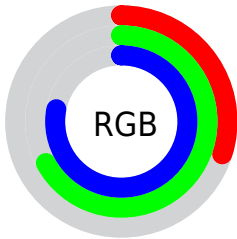
Format	Color
RYB	76, 130, 200
Decimal	5024712
CIELab	65.62, -19.23, -23.15
CIELCh	66, 30.097, 230.280
Yxy	34.8325, 0.2280, 0.2839
Android (android.graphics.Color)	4283214792 (0xFF4ABC8)
YUV	145.9010, 26.6708, -61.3032
Hunter-Lab	59.0190, -18.6933, -18.8545

Details

The Hex color **4CABC8** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **C8694C**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **88E2FF**, and **007792** is the 20% darker color. If you saturate the color by 10%, you get **38A6C8**, and if you desaturate by 10%, it is **60B0C8**.

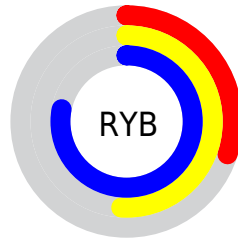
Distribution



Red (30%)

Green (67%)

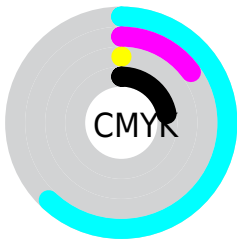
Blue (78%)



Red (30%)

Yellow (51%)

Blue (78%)

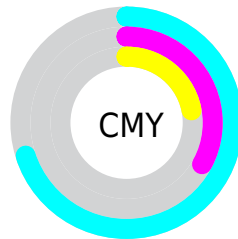


Cyan (62%)

Magenta (15%)

Yellow (0%)

Black (22%)



Cyan (70%)

Magenta (33%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CABC8 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 4CABC8 by changing the saturation by 10% instead.

 4CABC8

 4CABC8

FFFFFF

 2990AD

 88E2FF

 007792

 A5FFFF

 005E78

 C3FFFF

 00465F

 E1FFFF

 002F48

 001C31

 00011C

 000000

 4CABC8

 4CABC8

■ 38A6C8

■ 60B0C8

■ 24A2C8

■ 74B4C8

■ 109DC8

■ 88B9C8

■ 0099C8

■ 9CBEC8

■ B0C2C8

■ C4C7C8

■ D8CCC8

■ ECD0C8

■ FFD5C8

Harmonies

Analogous

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



48AEB1



4CABC8



6EA5D4

Triad

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



4CABC8



CF8CA9



9FA36C

Complementary

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



4CABC8



C8694C

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.



BA9B6A



4CABC8



D58C8E

Square

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



4CABC8



B992C2



CD9277



80AA7C

Rectangle

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



4CABC8



899FD4



CD9277



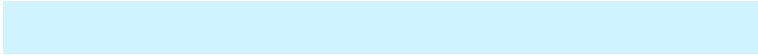
A9A16A

Sweetspot

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



4CABC8



CFF4FF



4CC869



627980



000000



808080

Same Dimension

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



4CABC8



42D3FF



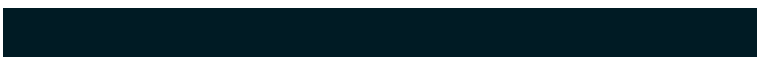
4C6DC8



5A6163



007DA3



001B24

Inverse Universe

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



C84CAB



FF42D3



C8A74C



635A61



A3007D



24001B

Previews

White Background



This preview shows how the Hex color 4CABC8 looks on a white background.

Color Contrast Check

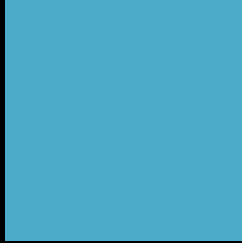
Large Text (above 18pt) WCAG AA × Fail

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 4CABC8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

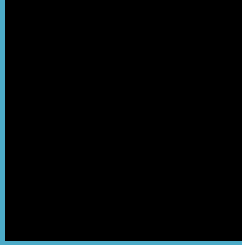
Any Text WCAG AA ✓ Pass

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 4CABC8 Background



This preview shows how black text looks on a background with the Hex color 4CABC8.



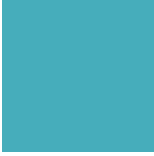
This preview shows how white text looks on a background with the Hex color 4CABC8.

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](#).

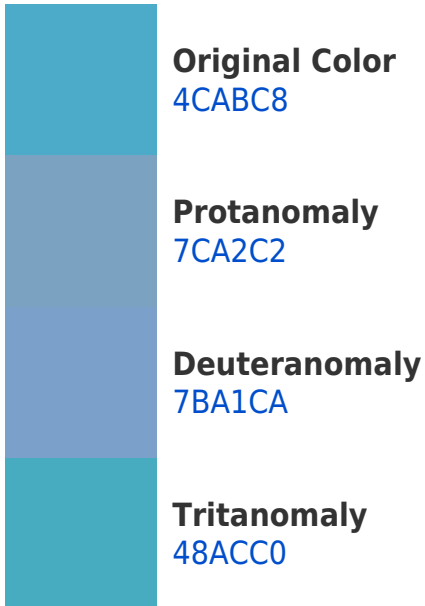
Dichromacy



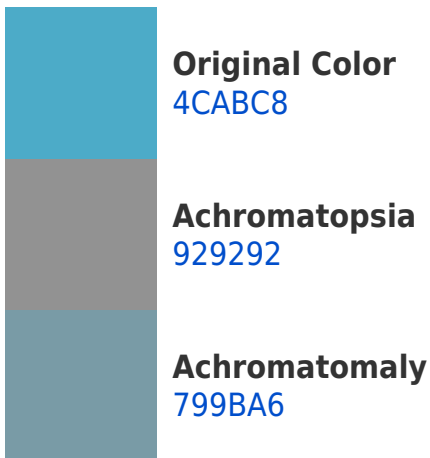


Tritanopia
46ADBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4CABC8 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 #4CABC8 looks like.

```
.text, #text, p{  
    color:#4CABC8  
}
```

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 #4CABC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CABC8  
}
```

Border

The CSS property to change the border of an element to Hex 4CABC8 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  
#4CABC8 }
```

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

```
.border{ border-color:#4CABC8 }
```

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

Here you see how a box with a 4 pixel #4CABC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CABC8; -webkit-box-shadow:4px 4px  
4px 4px #4CABC8; box-shadow:4px 4px 4px  
4px #4CABC8 }
```

Background

The CSS property to change the background color of an element to Hex 4CABC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CABC8 }
```

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

```
.background{ background-color:#4CABC8 }
```

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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