

Converting Colors

Hex(4CA1A8)

Have a look what the booklet for
Hex(4CA1A8) contains.

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Color

Hex(4CA1A8)

Conversions

Conversions Part 1

Format	Color
Hex	4CA1A8
RGB	76, 161, 168
RGB Percent	30%, 63%, 66%
CMY	0.7020, 0.3686, 0.3412
CMYK	0.55, 0.04, 0.00, 0.34
HSL	185°, 38%, 48%
HSV	185°, 55%, 66%
XYZ	22.7932, 29.8534, 41.6067
YIQ	136.3830, -52.9070, -15.8430

Conversions

Conversions Part 2

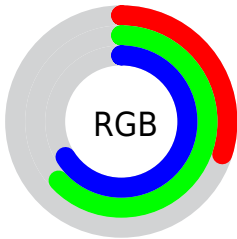
Format	Color
RYB	76, 120, 168
Decimal	5022120
CIELab	61.53, -23.53, -11.46
CIELCh	62, 26.173, 205.977
Yxy	29.8534, 0.2418, 0.3167
Android (android.graphics.Color)	4283212200 (0xFF4CA1A8)
YUV	136.3830, 15.5872, -52.9559
Hunter-Lab	54.6383, -21.1528, -6.9022

Details

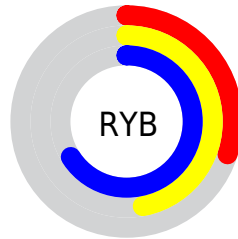
The Hex color **4CA1A8** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A8534C**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **85D8DF**, and **006D74** is the 20% darker color. If you saturate the color by 10%, you get **3BA0A8**, and if you desaturate by 10%, it is **5DA2A8**.

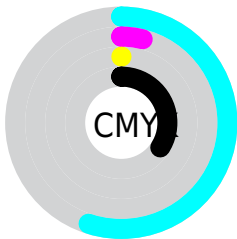
Distribution



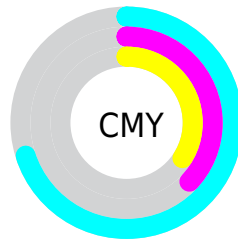
- Red (30%)
- Green (63%)
- Blue (66%)



- Red (30%)
- Yellow (47%)
- Blue (66%)



- Cyan (55%)
- Magenta (4%)
- Yellow (0%)
- Black (34%)



- Cyan (70%)
- Magenta (37%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CA1A8 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 4CA1A8 by changing the saturation by 10% instead.

4CA1A8

4CA1A8

FFFFFF

2D878E

85D8DF

006D74

A1F5FC

00545B

BEFFFF

003D44

DBFFFF

00272E

F8FFFF

000C1A

000000

4CA1A8

4CA1A8

3BA0A8

5DA2A8

■ 2A9EA8

■ 6EA4A8

■ 1A9DA8

■ 7EA5A8

■ 099CA8

■ 8FA6A8

■ 009BA8

■ A0A7A8

■ B1A9A8

■ C2AAA8

■ D2ABA8

■ E3ADA8

Harmonies

Analogous

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



5CA191



4CA1A8



559EBA

Triad

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



4CA1A8



AF88AF



A89266

Complementary

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



4CA1A8



A8534C

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.



BA8A6F



4CA1A8



C08499

Square

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



4CA1A8



9490BE



C38581



90996A

Rectangle

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



4CA1A8



679AC1



C38581



AF8F68

Sweetspot

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



4CA1A8



B8D9DB



4CA852



596C6E



EDEDED



6E6E6E

Same Dimension

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



4CA1A8



4BD0DB



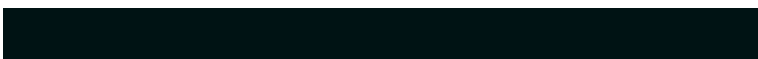
4C74A8



4C5454



008994



001314

Inverse Universe

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



A84CA1



DB4BD0



A8804C



544C54



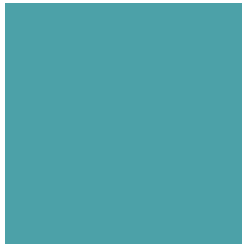
940089



140013

Previews

White Background



This preview shows how the Hex color 4CA1A8 looks on a white background.

Color Contrast Check

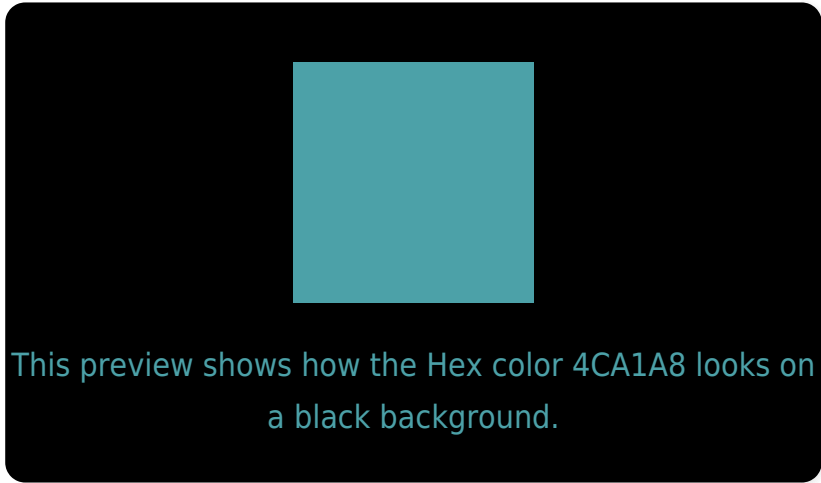
Large Text (above 18pt) WCAG AA ✓ Pass

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

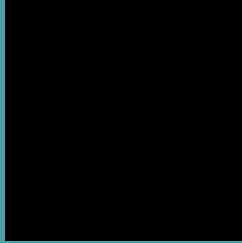
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 4CA1A8 Background



This preview shows how black text looks on a background with the Hex color 4CA1A8.

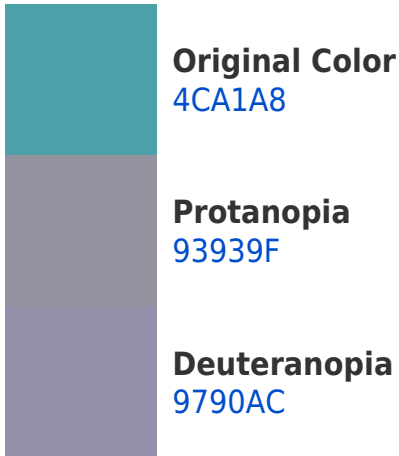


This preview shows how white text looks on a background with the Hex color 4CA1A8.

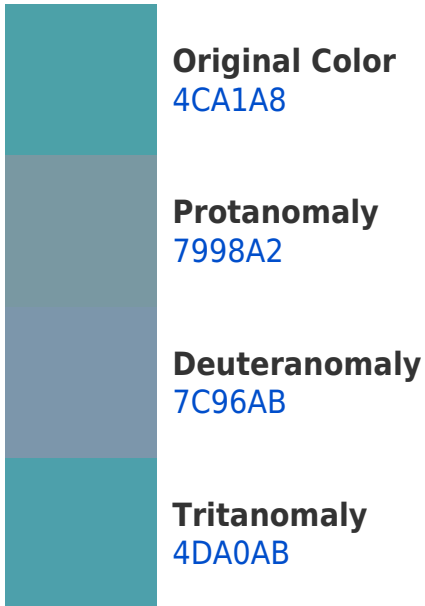
Color Blindness Simulation

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](#).

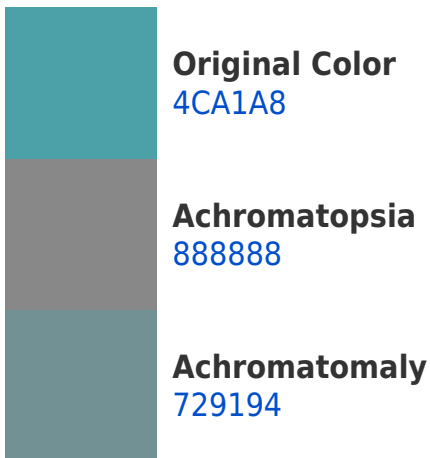
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4CA1A8 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 #4CA1A8 looks like.

```
.text, #text, p{  
    color:#4CA1A8  
}
```

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 #4CA1A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CA1A8
}
```

Border

The CSS property to change the border of an element to Hex 4CA1A8 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
#4CA1A8 }
```

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

```
.border{ border-color:#4CA1A8 }
```

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

Here you see how a box with a 4 pixel #4CA1A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CA1A8; -webkit-box-shadow:4px 4px  
4px 4px #4CA1A8; box-shadow:4px 4px 4px  
4px #4CA1A8 }
```

Background

The CSS property to change the background color of an element to Hex 4CA1A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CA1A8 }
```

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

```
.background{ background-color:#4CA1A8 }
```

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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