

Converting Colors

Hex(4CA0D4)

Have a look what the booklet for
Hex(4CA0D4) contains.

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Color

Hex(4CA0D4)

Conversions

Conversions Part 1

Format	Color
Hex	4CA0D4
RGB	76, 160, 212
RGB Percent	30%, 63%, 83%
CMY	0.7020, 0.3725, 0.1686
CMYK	0.64, 0.25, 0.00, 0.17
HSL	203°, 61%, 56%
HSV	203°, 64%, 83%
XYZ	27.4350, 31.4316, 66.9083
YIQ	140.8120, -66.7560, -1.6360

Conversions

Conversions Part 2

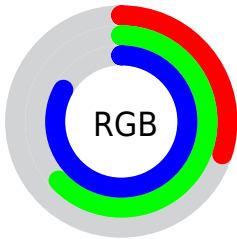
Format	Color
RYB	76, 128, 212
Decimal	5021908
CIELab	62.87, -9.52, -34.05
CIElCh	63, 35.356, 254.382
Yxy	31.4316, 0.2181, 0.2499
Android (android.graphics.Color)	4283211988 (0xFF4CA0D4)
YUV	140.8120, 35.0957, -56.8401
Hunter-Lab	56.0639, -10.7625, -31.5137

Details

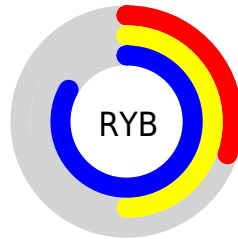
The Hex color **4CA0D4** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **D4804C**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **89D7FF**, and **006D9D** is the 20% darker color. If you saturate the color by 10%, you get **3798D4**, and if you desaturate by 10%, it is **61A8D4**.

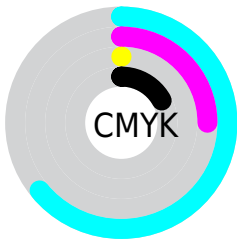
Distribution



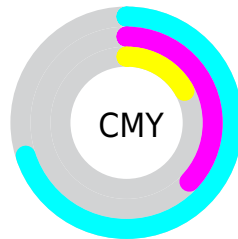
- Red (30%)
- Green (63%)
- Blue (83%)



- Red (30%)
- Yellow (50%)
- Blue (83%)



- Cyan (64%)
- Magenta (25%)
- Yellow (0%)
- Black (17%)



- Cyan (70%)
- Magenta (37%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CA0D4 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 4CA0D4 by changing the saturation by 10% instead.

■ 4CA0D4

■ 4CA0D4

FFFFFF

■ 2886B8

■ 89D7FF

■ 006D9D

■ A6F3FF

■ 005483

■ C4FFFF

■ 003D69

■ E2FFFF

■ 002851

■ 00143A

■ 000224

■ 00000B

■ 000000

■ 4CA0D4

■ 4CA0D4

■ 3798D4

■ 61A8D4

■ 2290D4

■ 76B0D4

■ 0C88D4

■ 8CB8D4

■ 0083D4

■ A1C0D4

■ B6C9D4

■ CBD1D4

■ E0D9D4

■ F6E1D4

■ FFE9D4

Harmonies

Analogous

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



0AA6C3



4CA0D4



8396D5

Triad

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



4CA0D4



D5808A



7BA36A

Complementary

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



4CA0D4



D4804C

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.



9E9B5A



4CA0D4



CF866E

Square

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



4CA0D4



CB82AA



BB915C



52A886

Rectangle

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



4CA0D4



A28ECC



BB915C



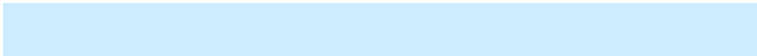
87A163

Sweetspot

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



4CA0D4



CFECFF



4CD47E



627480



000000



808080

Same Dimension

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



4CA0D4



3BB4FF



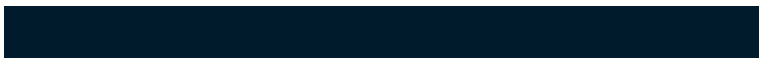
4C5ED4



60676B



006AAB



001B2B

Inverse Universe

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



D44CA0



FF3BB4



D4C24C



6B6067



AB006A



2B001B

Previews

White Background



This preview shows how the Hex color 4CA0D4 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 4CA0D4 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

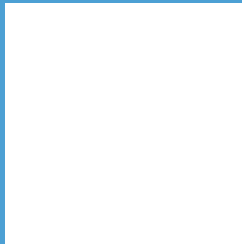
Any Text WCAG AAA ✓ Pass

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

Hex 4CA0D4 Background



This preview shows how black text looks on a background with the Hex color 4CA0D4.

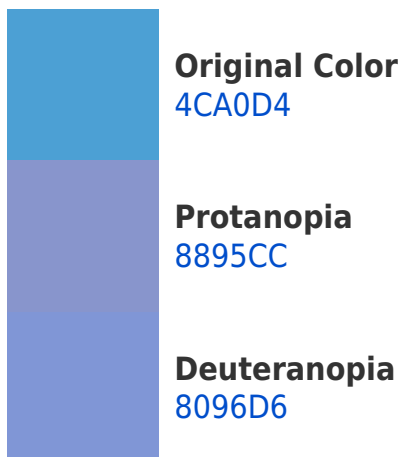


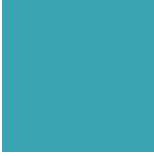
This preview shows how white text looks on a background with the Hex color 4CA0D4.

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](#).

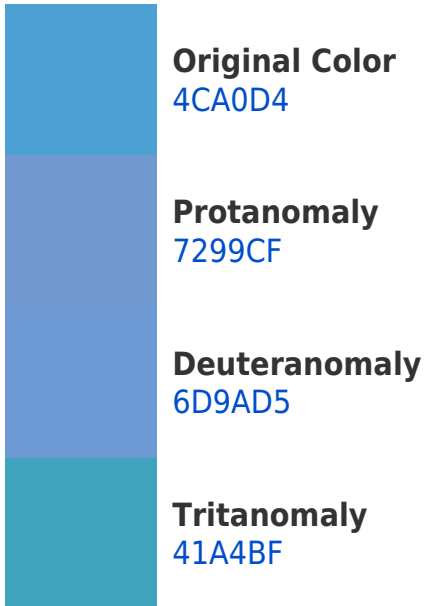
Dichromacy



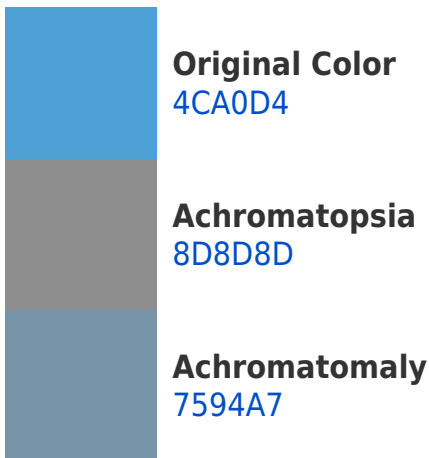


Tritanopia
3BA6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4CA0D4 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 #4CA0D4 looks like.

```
.text, #text, p{  
    color:#4CA0D4  
}
```

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 #4CA0D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CA0D4
}
```

Border

The CSS property to change the border of an element to Hex 4CA0D4 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
#4CA0D4 }
```

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

```
.border{ border-color:#4CA0D4 }
```

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

Here you see how a box with a 4 pixel #4CA0D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CA0D4; -webkit-box-shadow:4px 4px  
4px 4px #4CA0D4; box-shadow:4px 4px 4px  
4px #4CA0D4 }
```

Background

The CSS property to change the background color of an element to Hex 4CA0D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CA0D4 }
```

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

```
.background{ background-color:#4CA0D4 }
```

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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