

Converting Colors

Hex(4CC5D9)

Have a look what the booklet for
Hex(4CC5D9) contains.

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Color

Hex(4CC5D9)

Conversions

Conversions Part 1

Format	Color
Hex	4CC5D9
RGB	76, 197, 217
RGB Percent	30%, 77%, 85%
CMY	0.7020, 0.2275, 0.1490
CMYK	0.65, 0.09, 0.00, 0.15
HSL	189°, 65%, 57%
HSV	189°, 65%, 85%
XYZ	35.4711, 46.4788, 72.7474
YIQ	163.1010, -78.5360, -19.4320

Conversions

Conversions Part 2

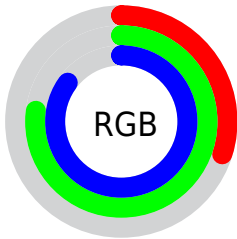
Format	Color
RYB	76, 141, 217
Decimal	5031385
CIELab	73.86, -27.32, -19.92
CIELCh	74, 33.814, 216.095
Yxy	46.4788, 0.2293, 0.3004
Android (android.graphics.Color)	4283221465 (0xFF4CC5D9)
YUV	163.1010, 26.5722, -76.3876
Hunter-Lab	68.1753, -26.4346, -15.5435

Details

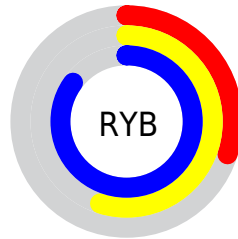
The Hex color **4CC5D9** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **D9604C**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **8CFEFF**, and **008FA2** is the 20% darker color. If you saturate the color by 10%, you get **36C2D9**, and if you desaturate by 10%, it is **62C8D9**.

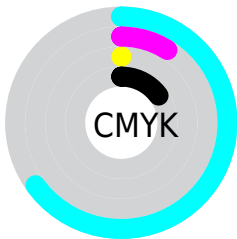
Distribution



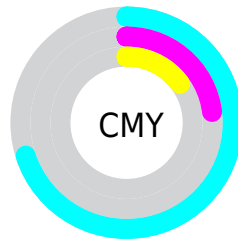
- Red (30%)
- Green (77%)
- Blue (85%)



- Red (30%)
- Yellow (55%)
- Blue (85%)



- Cyan (65%)
- Magenta (9%)
- Yellow (0%)
- Black (15%)



- Cyan (70%)
- Magenta (23%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CC5D9 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 4CC5D9 by changing the saturation by 10% instead.

 4CC5D9

 4CC5D9

FFFFFF

 23AABD

 8CFE9F

 008FA2

 AAFFFF

 007588

 C8FFFF

 005C6E

 E7FFFF

 004456

 002D3F

 001829

 000114

 000000

 4CC5D9

 4CC5D9

 36C2D9

 62C8D9

 21BFD9

 77CBD9

 0BBCD9

 8DCED9

 00BAD9

 A3D1D9

 B9D4D9

 CED7D9

 E4DBD9

 FADED9

 FFE1D9

Harmonies

Analogous

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



5BC7BB



4CC5D9



67BFED

Triad

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



4CC5D9



E2A2CF



C5B677

Complementary

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



4CC5D9



D9604C

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.



E0AB7D



4CC5D9



F29EB0

Square

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



4CC5D9



C2ABE8



F0A292



A3BF82

Rectangle

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



4CC5D9



85BAF3



F0A292



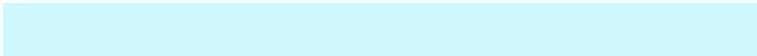
CFB278

Sweetspot

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



4CC5D9



CFF8FF



4CD95F



627B80



000000



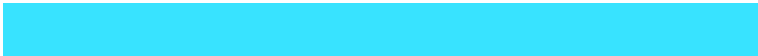
808080

Same Dimension

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



4CC5D9



38E3FF



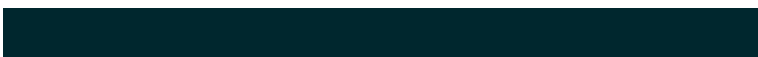
4C80D9



636C6E



0095AD



00272E

Inverse Universe

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



D94CC5



FF38E3



D9A54C



6E636C



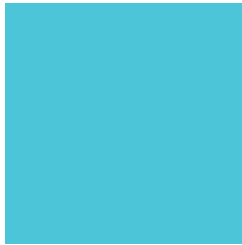
AD0095



2E0027

Previews

White Background



This preview shows how the Hex color 4CC5D9 looks on a white background.

Color Contrast Check

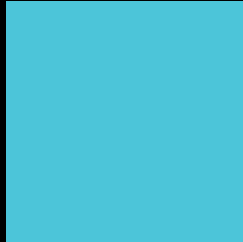
Large Text (above 18pt) WCAG AA × Fail

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 4CC5D9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

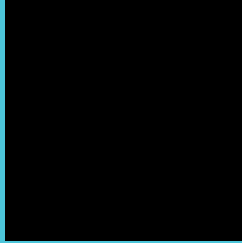
Any Text WCAG AA ✓ Pass

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 4CC5D9 Background



This preview shows how black text looks on a background with the Hex color 4CC5D9.

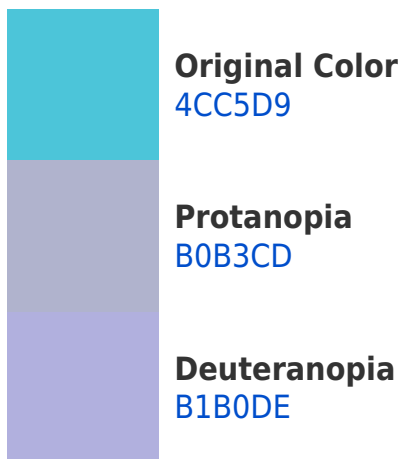


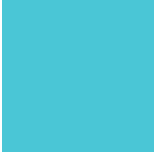
This preview shows how white text looks on a background with the Hex color 4CC5D9.

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](#).

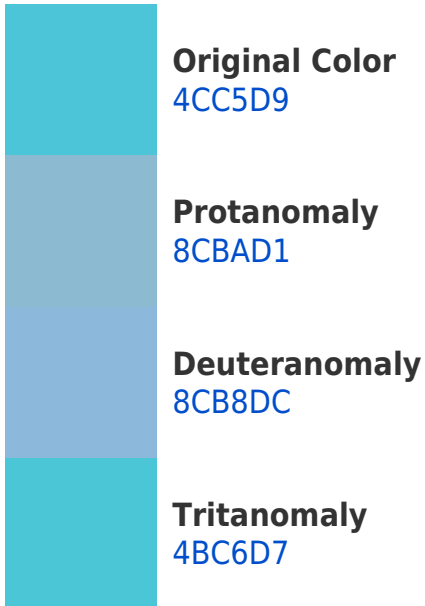
Dichromacy



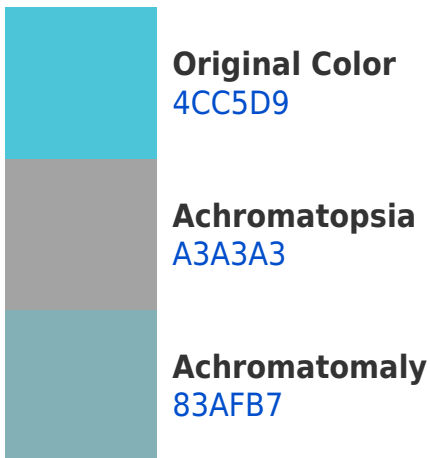


Tritanopia
4AC6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4CC5D9 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 #4CC5D9 looks like.

```
.text, #text, p{  
    color:#4CC5D9  
}
```

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 #4CC5D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CC5D9
}
```

Border

The CSS property to change the border of an element to Hex 4CC5D9 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
#4CC5D9 }
```

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

```
.border{ border-color:#4CC5D9 }
```

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

Here you see how a box with a 4 pixel #4CC5D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CC5D9; -webkit-box-shadow:4px 4px  
4px 4px #4CC5D9; box-shadow:4px 4px 4px  
4px #4CC5D9 }
```

Background

The CSS property to change the background color of an element to Hex 4CC5D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CC5D9 }
```

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

```
.background{ background-color:#4CC5D9 }
```

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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