

Converting Colors

Hex(48C2DD)

Have a look what the booklet for
Hex(48C2DD) contains.

Hex(48C2DD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(48C2DD)

Conversions

Conversions Part 1

Format	Color
Hex	48C2DD
RGB	72, 194, 221
RGB Percent	28%, 76%, 87%
CMY	0.7176, 0.2392, 0.1333
CMYK	0.67, 0.12, 0.00, 0.13
HSL	191°, 69%, 57%
HSV	191°, 67%, 87%
XYZ	35.0154, 45.1817, 75.2821
YIQ	160.6000, -81.3790, -17.4670

Conversions

Conversions Part 2

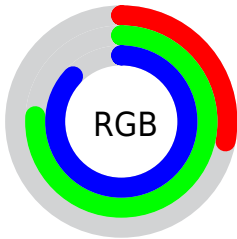
Format	Color
RYB	72, 139, 221
Decimal	4768477
CIELab	73.01, -25.23, -23.38
CIELCh	73, 34.403, 222.818
Yxy	45.1817, 0.2252, 0.2906
Android (android.graphics.Color)	4282958557 (0xFF48C2DD)
YUV	160.6000, 29.7772, -77.7022
Hunter-Lab	67.2174, -24.6447, -19.3514

Details

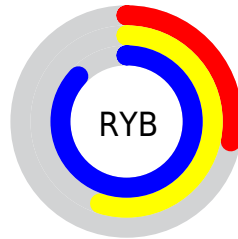
The Hex color **48C2DD** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **DD6348**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **89FBFF**, and **008CA6** is the 20% darker color. If you saturate the color by 10%, you get **32BEDD**, and if you desaturate by 10%, it is **5EC6DD**.

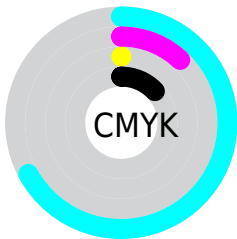
Distribution



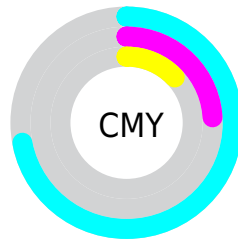
- Red (28%)
- Green (76%)
- Blue (87%)



- Red (28%)
- Yellow (55%)
- Blue (87%)



- Cyan (67%)
- Magenta (12%)
- Yellow (0%)
- Black (13%)



- Cyan (72%)
- Magenta (24%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48C2DD 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 48C2DD by changing the saturation by 10% instead.

 48C2DD

 48C2DD

FFFFFF

 1BA7C1

 89FBFF

 008CA6

 A7FFFF

 00728B

 C6FFFF

 005A72

 E4FFFF

 004259

 002B42

 00152C

 000117

 000000

■ 48C2DD

■ 48C2DD

■ 32BEDD

■ 5EC6DD

■ 1CBADD

■ 74CADD

■ 06B6DD

■ 8ACEDD

■ 00B5DD

■ A0D2DD

■ B7D6DD

■ CDDADD

■ E3DEDD

■ F9E2DD

■ FFE6DD

Harmonies

Analogous

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



50C4C0



48C2DD



6CBCEF

Triad

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



48C2DD



E69EC7



BBB675

Complementary

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



48C2DD



DD6348

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.



D9AB77



48C2DD



F29BA7

Square

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



48C2DD



C8A6E2



ECA18A



98BE84

Rectangle

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



48C2DD



8DB5F2



ECA18A



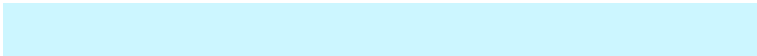
C6B274

Sweetspot

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



48C2DD



CCF6FF



48DD61



617A80



000000



808080

Same Dimension

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



48C2DD



30DAFF



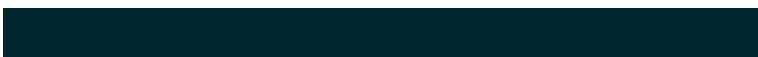
487ADD



636C6E



008EAD



00262E

Inverse Universe

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



DD48C2



FF30DA



DDAB48



6E636C



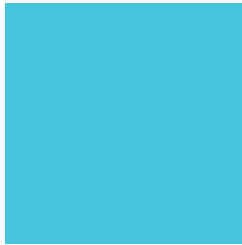
AD008E



2E0026

Previews

White Background



This preview shows how the Hex color 48C2DD looks on a white background.

Color Contrast Check

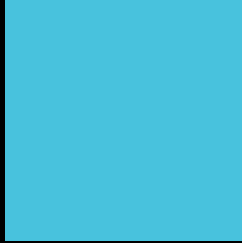
Large Text (above 18pt) WCAG AA × Fail

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 48C2DD 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 48C2DD Background



This preview shows how black text looks on a background with the Hex color 48C2DD.

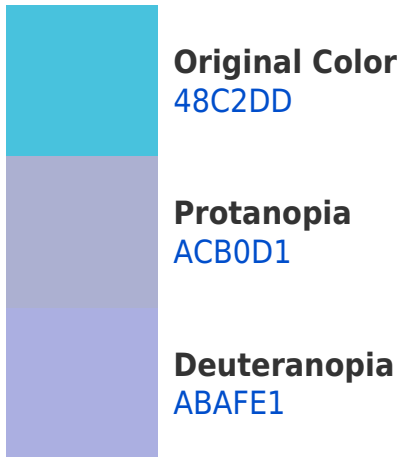


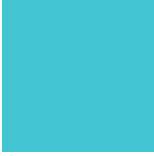
This preview shows how white text looks on a background with the Hex color 48C2DD.

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](#).

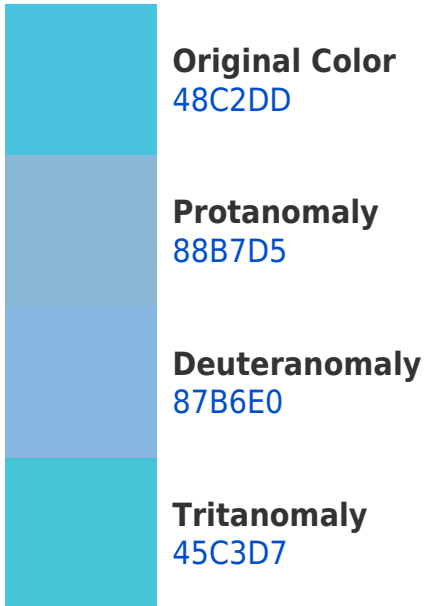
Dichromacy



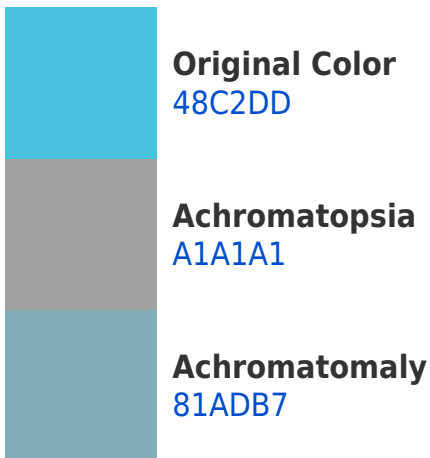


Tritanopia
43C4D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 48C2DD 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 #48C2DD looks like.

```
.text, #text, p{  
    color:#48C2DD  
}
```

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 #48C2DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48C2DD
}
```

Border

The CSS property to change the border of an element to Hex 48C2DD 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
#48C2DD }
```

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

```
.border{ border-color:#48C2DD }
```

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

Here you see how a box with a 4 pixel #48C2DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48C2DD; -webkit-box-shadow:4px 4px  
4px 4px #48C2DD; box-shadow:4px 4px 4px  
4px #48C2DD }
```

Background

The CSS property to change the background color of an element to Hex 48C2DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48C2DD }
```

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

```
.background{ background-color:#48C2DD }
```

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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