

Converting Colors

Hex(48C3DE)

Have a look what the booklet for
Hex(48C3DE) contains.

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Color

Hex(48C3DE)

Conversions

Conversions Part 1

Format	Color
Hex	48C3DE
RGB	72, 195, 222
RGB Percent	28%, 76%, 87%
CMY	0.7176, 0.2353, 0.1294
CMYK	0.68, 0.12, 0.00, 0.13
HSL	191°, 69%, 58%
HSV	191°, 68%, 87%
XYZ	35.3724, 45.6819, 76.0604
YIQ	161.3010, -81.9750, -17.6790

Conversions

Conversions Part 2

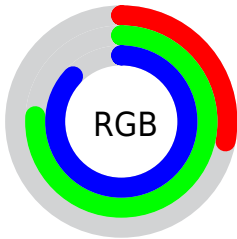
Format	Color
RYB	72, 140, 222
Decimal	4768734
CIELab	73.34, -25.43, -23.43
CIELCh	73, 34.577, 222.650
Yxy	45.6819, 0.2251, 0.2908
Android (android.graphics.Color)	4282958814 (0xFF48C3DE)
YUV	161.3010, 29.9246, -78.3170
Hunter-Lab	67.5884, -24.8615, -19.4100

Details

The Hex color **48C3DE** 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 **DE6348**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **89FCFF**, and **008DA7** is the 20% darker color. If you saturate the color by 10%, you get **32BFDE**, and if you desaturate by 10%, it is **5EC7DE**.

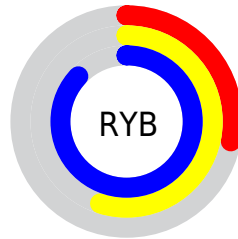
Distribution



Red (28%)

Green (76%)

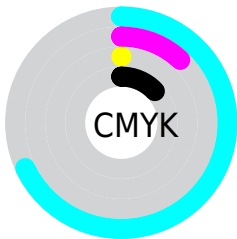
Blue (87%)



Red (28%)

Yellow (55%)

Blue (87%)

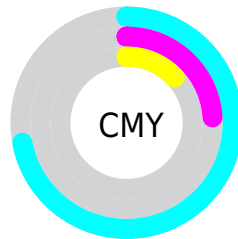


Cyan (68%)

Magenta (12%)

Yellow (0%)

Black (13%)



Cyan (72%)

Magenta (24%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48C3DE 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 48C3DE by changing the saturation by 10% instead.

 48C3DE

 48C3DE

FFFFFF

 1BA8C2

 89FCFF

 008DA7

 A8FFFF

 00738C

 C6FFFF

 005A73

 E5FFFF

 00435A

 002C43

 00162C

 000117

 000000

 48C3DE

 48C3DE

 32BFDE

 5EC7DE

 1CBBDE

 74CBDE

 05B7DE

 8BCFDE

 00B6DE

 A1D3DE

 B7D7DE

 CDDDBDE

 E3DFDE

 FAE3DE

 FFE7DE

Harmonies

Analogous

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



50C5C1



48C3DE



6CBDF0

Triad

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



48C3DE



E79EC8



BCB676

Complementary

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



48C3DE



DE6348

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.



DAAC78



48C3DE



F39CA8

Square

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



48C3DE



C9A7E3



EEA28B



99BF85

Rectangle

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



48C3DE



8DB6F3



EEA28B



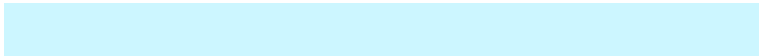
C7B374

Sweetspot

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



48C3DE



CCF6FF



48DE61



617A80



000000



808080

Same Dimension

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



48C3DE



30DAFF



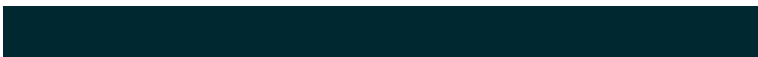
487ADE



656E70



0090B0



002830

Inverse Universe

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



DE48C3



FF30DA



DEAC48



70656E



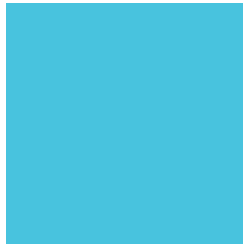
B00090



300028

Previews

White Background



This preview shows how the Hex color 48C3DE looks on a white background.

Color Contrast Check

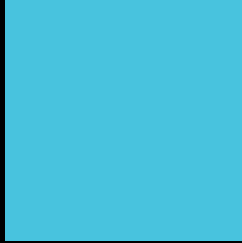
Large Text (above 18pt) WCAG AA × Fail

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 48C3DE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

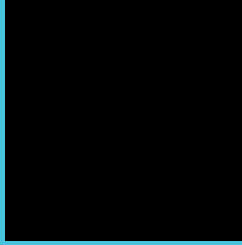
Any Text WCAG AA ✓ Pass

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 48C3DE Background



This preview shows how black text looks on a background with the Hex color 48C3DE.

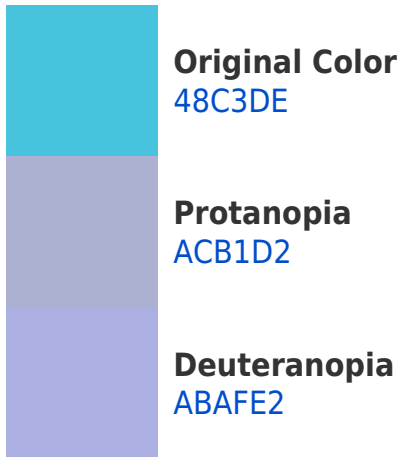


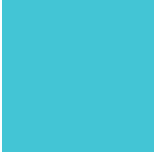
This preview shows how white text looks on a background with the Hex color 48C3DE.

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](#).

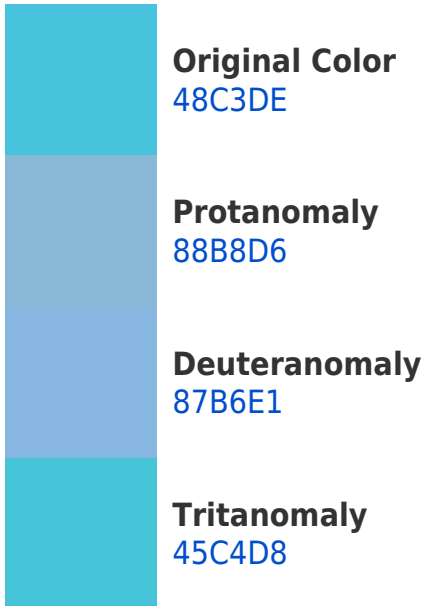
Dichromacy



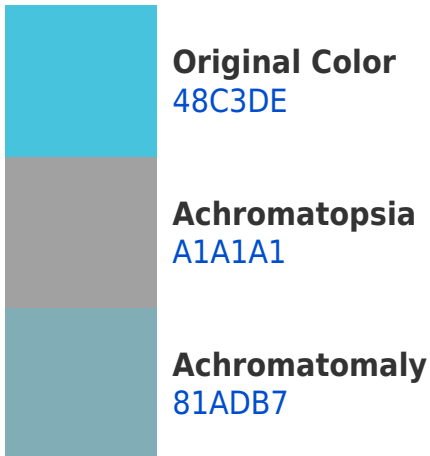


Tritanopia
43C5D5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 48C3DE 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 #48C3DE looks like.

```
.text, #text, p{  
    color:#48C3DE  
}
```

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 #48C3DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48C3DE
}
```

Border

The CSS property to change the border of an element to Hex 48C3DE 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
#48C3DE }
```

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

```
.border{ border-color:#48C3DE }
```

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

Here you see how a box with a 4 pixel #48C3DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48C3DE; -webkit-box-shadow:4px 4px  
4px 4px #48C3DE; box-shadow:4px 4px 4px  
4px #48C3DE }
```

Background

The CSS property to change the background color of an element to Hex 48C3DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48C3DE }
```

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

```
.background{ background-color:#48C3DE }
```

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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