

Converting Colors

Hex(48C9E6)

Have a look what the booklet for
Hex(48C9E6) contains.

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Color

Hex(48C9E6)

Conversions

Conversions Part 1

Format	Color
Hex	48C9E6
RGB	72, 201, 230
RGB Percent	28%, 79%, 90%
CMY	0.7176, 0.2118, 0.0980
CMYK	0.69, 0.13, 0.00, 0.10
HSL	191°, 76%, 59%
HSV	191°, 69%, 90%
XYZ	37.8421, 48.8642, 82.3002
YIQ	165.7350, -86.1930, -18.3290

Conversions

Conversions Part 2

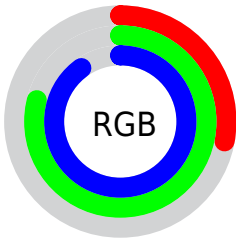
Format	Color
RYB	72, 143, 230
Decimal	4770278
CIELab	75.37, -25.99, -24.66
CIELCh	75, 35.825, 223.489
Yxy	48.8642, 0.2239, 0.2891
Android (android.graphics.Color)	4282960358 (0xFF48C9E6)
YUV	165.7350, 31.6826, -82.2056
Hunter-Lab	69.9029, -25.6988, -20.8730

Details

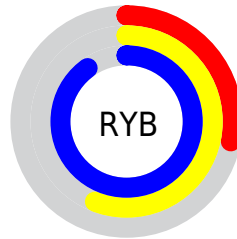
The Hex color **48C9E6** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **E66548**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **8AFFFF**, and **0093AE** is the 20% darker color. If you saturate the color by 10%, you get **31C5E6**, and if you desaturate by 10%, it is **5FCDE6**.

Distribution



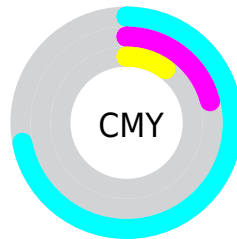
- Red (28%)
- Green (79%)
- Blue (90%)



- Red (28%)
- Yellow (56%)
- Blue (90%)



- Cyan (69%)
- Magenta (13%)
- Yellow (0%)
- Black (10%)



- Cyan (72%)
- Magenta (21%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48C9E6 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 48C9E6 by changing the saturation by 10% instead.

 48C9E6

 48C9E6

FFFFFF

 17ADCA

 8AFFFF

 0093AE

 A9FFFF

 007994

 C8FFFF

 00607A

 E7FFFF

 004861

 003149

 001D32

 00021D

 000000

■ 48C9E6

■ 48C9E6

■ 31C5E6

■ 5FCDE6

■ 1AC1E6

■ 76D1E6

■ 03BCE6

■ 8DD6E6

■ 00BCE6

■ A4DAE6

■ BBDEE6

■ D2E2E6

■ E9E7E6

■ FFE6E6

■ FFE6E6

Harmonies

Analogous

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



4FCCC8



48C9E6



70C2F8

Triad

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



48C9E6



EFA3CD



C1BC79

Complementary

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



48C9E6



E66548

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.



E0B17B



48C9E6



FBA1AC

Square

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



48C9E6



D1ACEA



F5A78E



9CC589

Rectangle

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



48C9E6



92BBFB



F5A78E



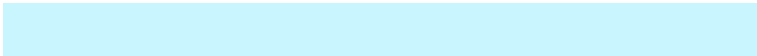
CCB977

Sweetspot

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



48C9E6



C9F5FF



48E665



607A80



000000



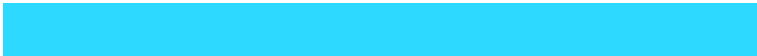
808080

Same Dimension

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



48C9E6



2ED9FF



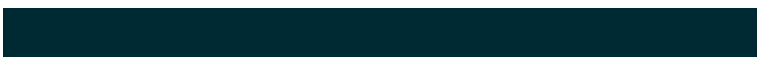
487AE6



677173



0092B3



002A33

Inverse Universe

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



E648C9



FF2ED9



E6B448



736771



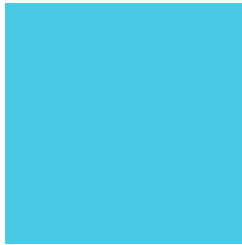
B30092



33002A

Previews

White Background



This preview shows how the Hex color 48C9E6 looks on a white background.

Color Contrast Check

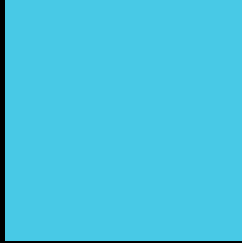
Large Text (above 18pt) WCAG AA × Fail

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 48C9E6 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 48C9E6 Background



This preview shows how black text looks on a background with the Hex color 48C9E6.

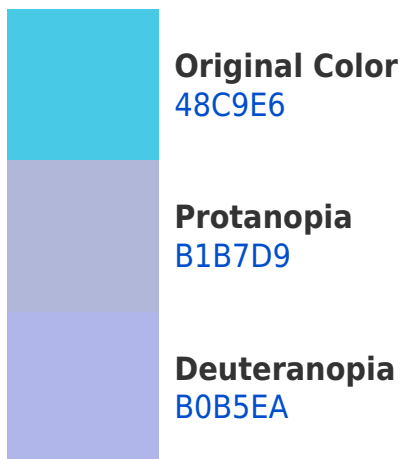


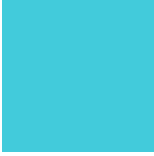
This preview shows how white text looks on a background with the Hex color 48C9E6.

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](#).

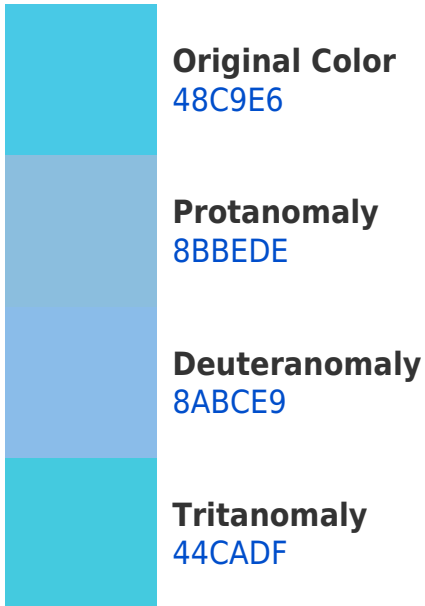
Dichromacy



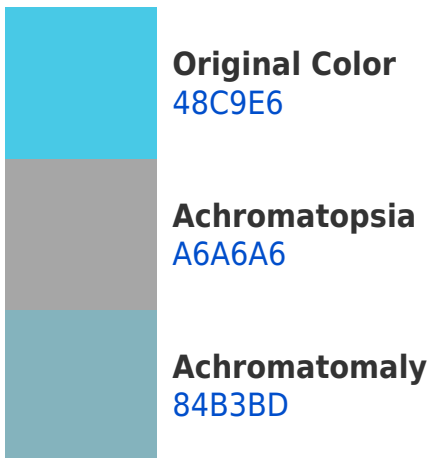


Tritanopia
42CBDB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 48C9E6 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 #48C9E6 looks like.

```
.text, #text, p{  
    color:#48C9E6  
}
```

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 #48C9E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48C9E6
}
```

Border

The CSS property to change the border of an element to Hex 48C9E6 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
#48C9E6 }
```

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

```
.border{ border-color:#48C9E6 }
```

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

Here you see how a box with a 4 pixel #48C9E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48C9E6; -webkit-box-shadow:4px 4px  
4px 4px #48C9E6; box-shadow:4px 4px 4px  
4px #48C9E6 }
```

Background

The CSS property to change the background color of an element to Hex 48C9E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48C9E6 }
```

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

```
.background{ background-color:#48C9E6 }
```

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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