

Converting Colors

Hex(48ACDB)

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

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Color

Hex(48ACDB)

Conversions

Conversions Part 1

Format	Color
Hex	48ACDB
RGB	72, 172, 219
RGB Percent	28%, 67%, 86%
CMY	0.7176, 0.3255, 0.1412
CMYK	0.67, 0.21, 0.00, 0.14
HSL	199°, 67%, 57%
HSV	199°, 67%, 86%
XYZ	30.2112, 35.9972, 72.3737
YIQ	147.4580, -74.6870, -6.5830

Conversions

Conversions Part 2

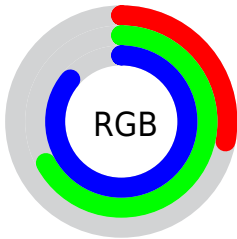
Format	Color
RYB	72, 132, 219
Decimal	4762843
CIELab	66.52, -14.45, -32.27
CIELCh	67, 35.359, 245.878
Yxy	35.9972, 0.2180, 0.2598
Android (android.graphics.Color)	4282952923 (0xFF48ACDB)
YUV	147.4580, 35.2702, -66.1767
Hunter-Lab	59.9977, -15.1142, -29.5216

Details

The Hex color **48ACDB** 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 **DB7748**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **87E3FF**, and **0078A4** is the 20% darker color. If you saturate the color by 10%, you get **32A5DB**, and if you desaturate by 10%, it is **5EB3DB**.

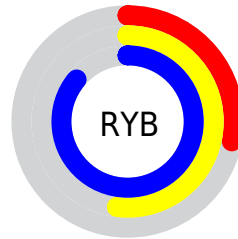
Distribution



Red (28%)

Green (67%)

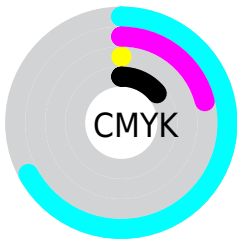
Blue (86%)



Red (28%)

Yellow (52%)

Blue (86%)

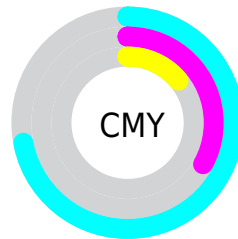


Cyan (67%)

Magenta (21%)

Yellow (0%)

Black (14%)



Cyan (72%)

Magenta (33%)

Yellow (14%)

Brightness & Saturation Gradients

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

■ 48ACDB

■ 48ACDB

FFFFFF

■ 1E91BF

■ 87E3FF

■ 0078A4

■ A5FFFF

■ 005F89

■ C3FFFF

■ 004770

■ E2FFFF

■ 003157

■ 001D3F

■ 000329

■ 000113

■ 000000

■ 48ACDB

■ 48ACDB

■ 32A5DB

■ 5EB3DB

■ 1C9EDB

■ 74BADB

■ 0697DB

■ 8AC1DB

■ 0095DB

■ A0C8DB

■ B5CFDB

■ CBD6DB

■ E1DDDB

■ F7E4DB

■ FFE8DB

Harmonies

Analogous

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



20B1C6



48ACDB



7FA3E1

Triad

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



48ACDB



DF899D



8FAB6D

Complementary

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



48ACDB



DB7748

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.



B1A262



48ACDB



DD8D7E

Square

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



48ACDB



CF8DBC



CC9768



68B187

Rectangle

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



48ACDB



9F9BDB



CC9768



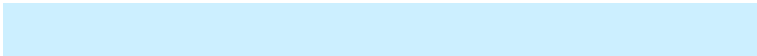
9BA868

Sweetspot

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



48ACDB



CCEFFF



48DB77



617680



000000



808080

Same Dimension

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



48ACDB



30BDFE



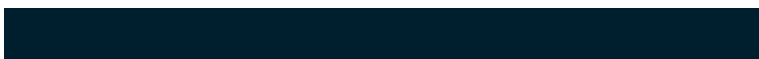
4863DB



636A6E



0076AD



001F2E

Inverse Universe

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



DB48AC



FF30BD



DBC048



6E636A



AD0076



2E001F

Previews

White Background



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

Color Contrast Check

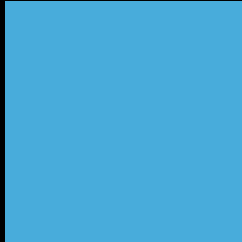
Large Text (above 18pt) WCAG AA × Fail

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 48ACDB 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

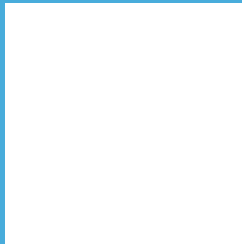
Any Text WCAG AAA ✓ Pass

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

Hex 48ACDB Background



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

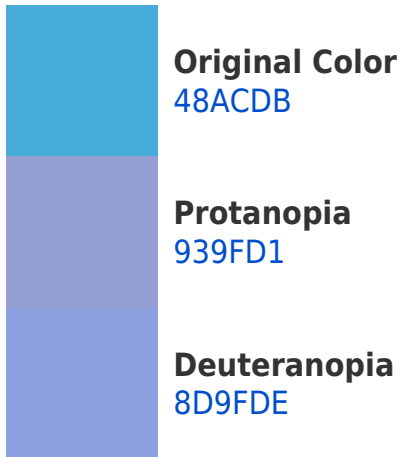


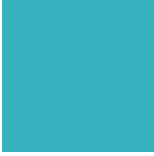
This preview shows how white text looks on a background with the Hex color 48ACDB.

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](#).

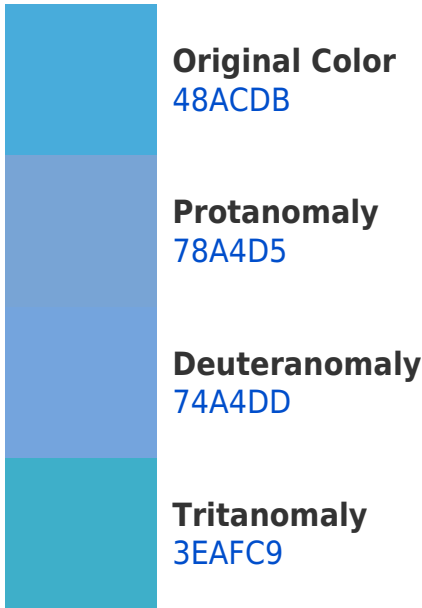
Dichromacy



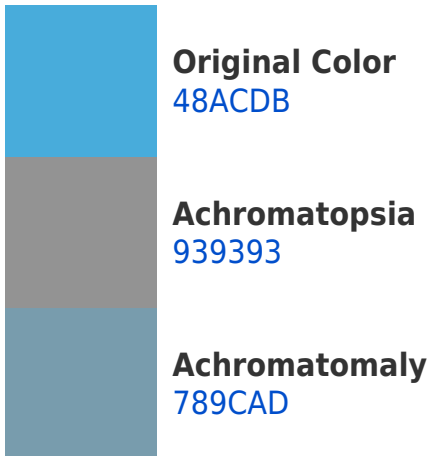


Tritanopia
38B1BF

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #48ACDB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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