

Converting Colors

Hex(47C2B9)

Have a look what the booklet for
Hex(47C2B9) contains.

Hex(47C2B9)	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(47C2B9)

Conversions

Conversions Part 1

Format	Color
Hex	47C2B9
RGB	71, 194, 185
RGB Percent	28%, 76%, 73%
CMY	0.7216, 0.2392, 0.2745
CMYK	0.63, 0.00, 0.05, 0.24
HSL	176°, 50%, 52%
HSV	176°, 63%, 76%
XYZ	30.6473, 43.4259, 52.6657
YIQ	156.1970, -70.4190, -28.8750

Conversions

Conversions Part 2

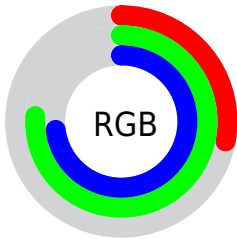
Format	Color
RYB	71, 135, 194
Decimal	4702905
CIELab	71.84, -35.77, -5.54
CIElCh	72, 36.197, 188.806
Yxy	43.4259, 0.2418, 0.3426
Android (android.graphics.Color)	4282892985 (0xFF47C2B9)
YUV	156.1970, 14.1999, -74.7178
Hunter-Lab	65.8984, -32.3074, -1.2555

Details

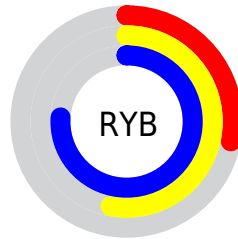
The Hex color **47C2B9** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **C24750**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **85FBF1**, and **008C84** is the 20% darker color. If you saturate the color by 10%, you get **34C2B8**, and if you desaturate by 10%, it is **5AC2BA**.

Distribution



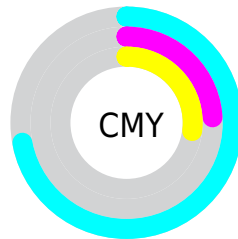
- Red (28%)
- Green (76%)
- Blue (73%)



- Red (28%)
- Yellow (53%)
- Blue (76%)



- Cyan (63%)
- Magenta (0%)
- Yellow (5%)
- Black (24%)



- Cyan (72%)
- Magenta (24%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47C2B9 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 47C2B9 by changing the saturation by 10% instead.

 47C2B9

 47C2B9

FFFFFF

 1FA69E

 85FBF1

 008C84

 A3FFFF

 00726B

 C1FFFF

 005953

 DFFFFF

 00403C

 FDFFFF

 002A26

 000D12

 000000

 47C2B9

 47C2B9

■ 34C2B8

■ 5AC2BA

■ 20C2B6

■ 6EC2BC

■ 0DC2B5

■ 81C2BD

■ 00C2B4

■ 95C2BF

■ A8C2C0

■ BBC2C2

■ CFC2C3

■ E2C2C4

■ F6C2C6

Harmonies

Analogous

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



70C097



47C2B9



34C0D8

Triad

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



47C2B9



C1A4E4



DAA673

Complementary

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



47C2B9



C24750

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.



ED9C88



47C2B9



E29AC9

Square

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



47C2B9



91B0F1



F097A7



BDB16E

Rectangle

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



47C2B9



4ABCE8



F097A7



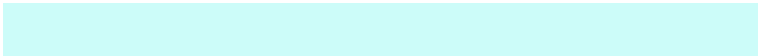
E2A279

Sweetspot

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



47C2B9



CCFCF9



51C247



62807D



000000



808080

Same Dimension

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



47C2B9



3DFCEE



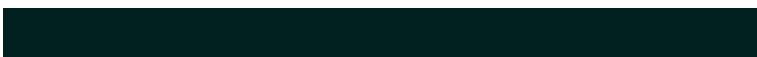
478FC2



576160



00A195



00211F

Inverse Universe

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



C24750



FC3D4B



C27A47



615758



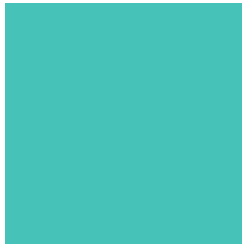
A1000C



210002

Previews

White Background



This preview shows how the Hex color 47C2B9 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 47C2B9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

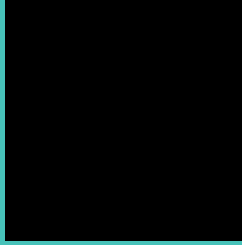
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

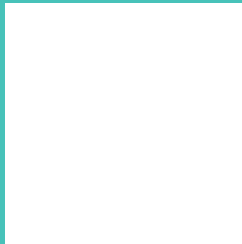
Any Text WCAG AAA ✓ Pass

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

Hex 47C2B9 Background



This preview shows how black text looks on a background with the Hex color 47C2B9.

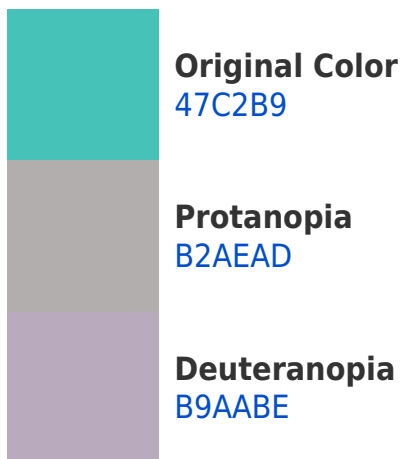


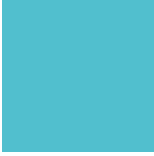
This preview shows how white text looks on a background with the Hex color 47C2B9.

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](#).

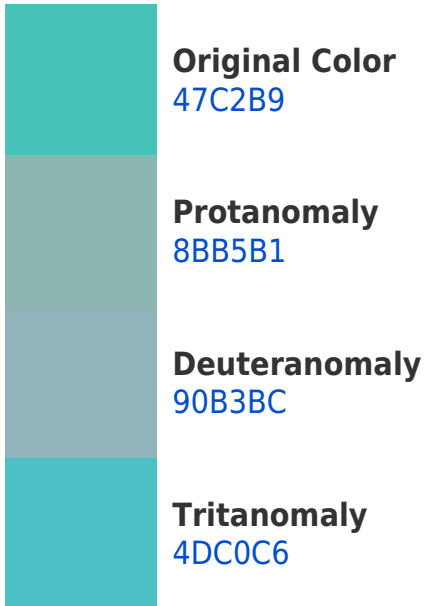
Dichromacy



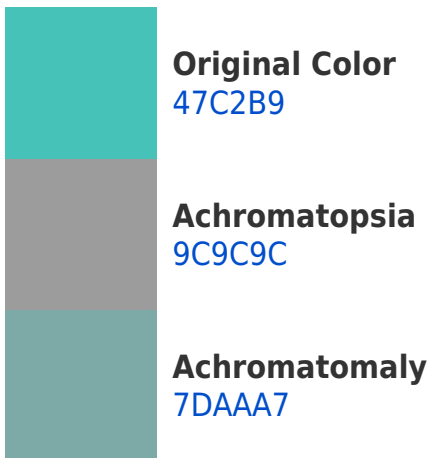


Tritanopia
51BFCE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 47C2B9 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 #47C2B9 looks like.

```
.text, #text, p{  
    color:#47C2B9  
}
```

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 #47C2B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47C2B9
}
```

Border

The CSS property to change the border of an element to Hex 47C2B9 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
#47C2B9 }
```

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

```
.border{ border-color:#47C2B9 }
```

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

Here you see how a box with a 4 pixel #47C2B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47C2B9; -webkit-box-shadow:4px 4px  
4px 4px #47C2B9; box-shadow:4px 4px 4px  
4px #47C2B9 }
```

Background

The CSS property to change the background color of an element to Hex 47C2B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47C2B9 }
```

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

```
.background{ background-color:#47C2B9 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor