

Converting Colors

Hex(47B3A9)

Have a look what the booklet for
Hex(47B3A9) contains.

Hex(47B3A9)	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(47B3A9)

Conversions

Conversions Part 1

Format	Color
Hex	47B3A9
RGB	71, 179, 169
RGB Percent	28%, 70%, 66%
CMY	0.7216, 0.2980, 0.3373
CMYK	0.60, 0.00, 0.06, 0.30
HSL	174°, 43%, 49%
HSV	174°, 60%, 70%
XYZ	25.8801, 36.4444, 43.2066
YIQ	145.5680, -61.1580, -26.0060

Conversions

Conversions Part 2

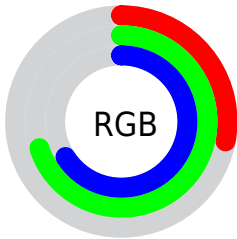
Format	Color
RYB	71, 128, 179
Decimal	4699049
CIELab	66.86, -33.07, -4.11
CIElCh	67, 33.326, 187.085
Yxy	36.4444, 0.2452, 0.3453
Android (android.graphics.Color)	4282889129 (0xFF47B3A9)
YUV	145.5680, 11.5520, -65.3961
Hunter-Lab	60.3692, -29.1237, -0.1758

Details

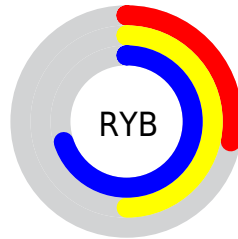
The Hex color **47B3A9** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B34751**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **82EBE0**, and **007E75** is the 20% darker color. If you saturate the color by 10%, you get **35B3A7**, and if you desaturate by 10%, it is **59B3AB**.

Distribution



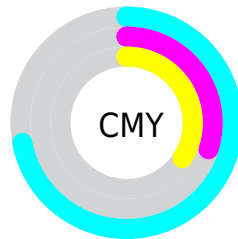
- Red (28%)
- Green (70%)
- Blue (66%)



- Red (28%)
- Yellow (50%)
- Blue (70%)



- Cyan (60%)
- Magenta (0%)
- Yellow (6%)
- Black (30%)



- Cyan (72%)
- Magenta (30%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47B3A9 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 47B3A9 by changing the saturation by 10% instead.

 47B3A9

 47B3A9

FFFFFF

 24988F

 82EBE0

 007E75

 9FFFFD

 00645C

 BDFFFF

 004C45

 DAFFFF

 00342F

 F8FFFF

 00201A

 000000

 47B3A9

 47B3A9

 35B3A7

 59B3AB

■ 23B3A6

■ 6BB3AC

■ 11B3A4

■ 7DB3AE

■ 00B3A2

■ 8FB3B0

■ A1B3B1

■ B2B3B3

■ C4B3B5

■ D6B3B6

■ E8B3B8

Harmonies

Analogous

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



6BB18A



47B3A9



35B1C6

Triad

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



47B3A9



B098D3



CA996C

Complementary

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



47B3A9



B34751

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.



DB9080



47B3A9



CE8FBB

Square

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



47B3A9



84A3DE



DD8C9D



B0A367

Rectangle

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



47B3A9



46AED4



DD8C9D



D19671

Sweetspot

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



47B3A9



BEE8E4



52B347



5B7573



F5F5F5



757575

Same Dimension

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



47B3A9



41E8D9



4788B3



505958



00998B



001A17

Inverse Universe

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



B34751



E84150



B37247



595051



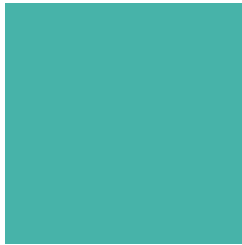
99000E



1A0002

Previews

White Background



This preview shows how the Hex color 47B3A9 looks on a white background.

Color Contrast Check

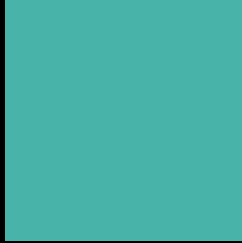
Large Text (above 18pt) WCAG AA × Fail

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 47B3A9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

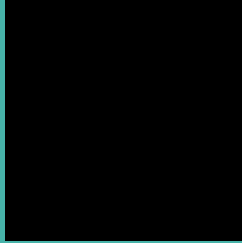
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

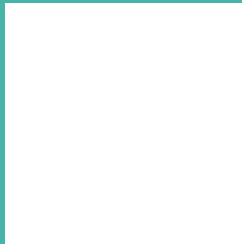
Any Text WCAG AAA ✓ Pass

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

Hex 47B3A9 Background



This preview shows how black text looks on a background with the Hex color 47B3A9.

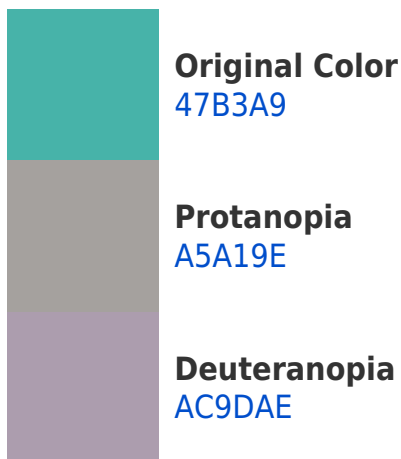


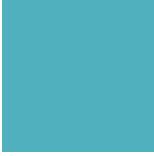
This preview shows how white text looks on a background with the Hex color 47B3A9.

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](#).

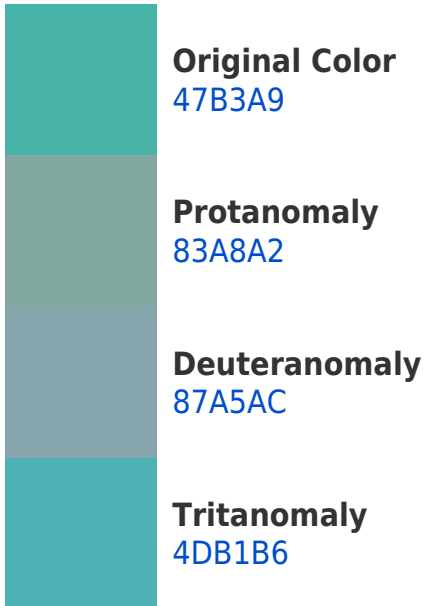
Dichromacy





Tritanopia
50B0BE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 47B3A9 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 #47B3A9 looks like.

```
.text, #text, p{  
    color:#47B3A9  
}
```

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 #47B3A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47B3A9
}
```

Border

The CSS property to change the border of an element to Hex 47B3A9 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
#47B3A9 }
```

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

```
.border{ border-color:#47B3A9 }
```

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

Here you see how a box with a 4 pixel #47B3A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47B3A9; -webkit-box-shadow:4px 4px  
4px 4px #47B3A9; box-shadow:4px 4px 4px  
4px #47B3A9 }
```

Background

The CSS property to change the background color of an element to Hex 47B3A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47B3A9 }
```

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

```
.background{ background-color:#47B3A9 }
```

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