

Converting Colors

Hex(47A7A3)

Have a look what the booklet for
Hex(47A7A3) contains.

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Color

Hex(47A7A3)

Conversions

Conversions Part 1

Format	Color
Hex	47A7A3
RGB	71, 167, 163
RGB Percent	28%, 65%, 64%
CMY	0.7216, 0.3451, 0.3608
CMYK	0.57, 0.00, 0.02, 0.35
HSL	177°, 40%, 47%
HSV	177°, 57%, 65%
XYZ	23.0281, 31.6214, 39.5402
YIQ	137.8400, -55.9320, -21.5960

Conversions

Conversions Part 2

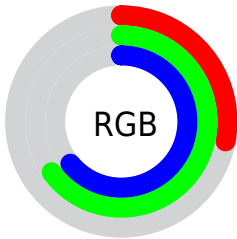
Format	Color
RYB	71, 120, 167
Decimal	4695971
CIELab	63.03, -28.94, -6.43
CIElCh	63, 29.643, 192.533
Yxy	31.6214, 0.2445, 0.3357
Android (android.graphics.Color)	4282886051 (0xFF47A7A3)
YUV	137.8400, 12.4039, -58.6187
Hunter-Lab	56.2329, -25.3094, -2.3268

Details

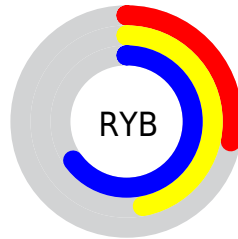
The Hex color **47A7A3** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A7474B**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **81DFDA**, and **00736F** is the 20% darker color. If you saturate the color by 10%, you get **36A7A2**, and if you desaturate by 10%, it is **58A7A4**.

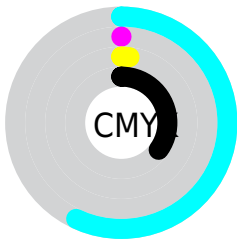
Distribution



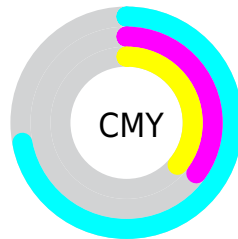
- Red (28%)
- Green (65%)
- Blue (64%)



- Red (28%)
- Yellow (47%)
- Blue (65%)



- Cyan (57%)
- Magenta (0%)
- Yellow (2%)
- Black (35%)



- Cyan (72%)
- Magenta (35%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47A7A3 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 47A7A3 by changing the saturation by 10% instead.



47A7A3



47A7A3

FFFFFF



268C89



81DFDA



00736F



9DFBF6



005A57



BAFFFF



004240



D7FFFF



002B2A



F5FFFF



001316



000000



47A7A3



47A7A3



36A7A2



58A7A4

■ 26A7A2

■ 68A7A4

■ 15A7A1

■ 79A7A5

■ 04A7A0

■ 8AA7A6

■ 00A7A0

■ 9BA7A6

■ ABA7A7

■ BCA7A8

■ CDA7A9

■ DDA7A9

Harmonies

Analogous

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



63A688



47A7A3



41A5BB

Triad

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



47A7A3



AA8EBF



B89267

Complementary

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



47A7A3



A7474B

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.



C98976



47A7A3



C387A9

Square

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



47A7A3



8697CC



CD858E



A09A65

Rectangle

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



47A7A3



52A2C7



CD858E



BF8F6B

Sweetspot

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



47A7A3



B4D9D7



4CA747



586E6D



EDEDED



6E6E6E

Same Dimension

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



47A7A3



43D9D3



477CA7



4C5454



00948E



001414

Inverse Universe

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



A7474B



D94349



A77247



544C4C



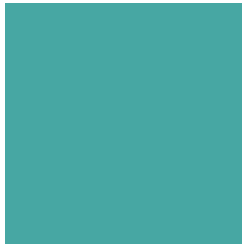
940006



140001

Previews

White Background



This preview shows how the Hex color 47A7A3 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 47A7A3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

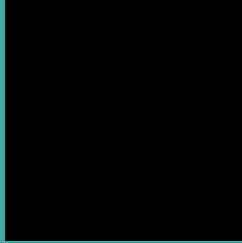
Any Text WCAG AA ✓ Pass

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 47A7A3 Background



This preview shows how black text looks on a background with the Hex color 47A7A3.

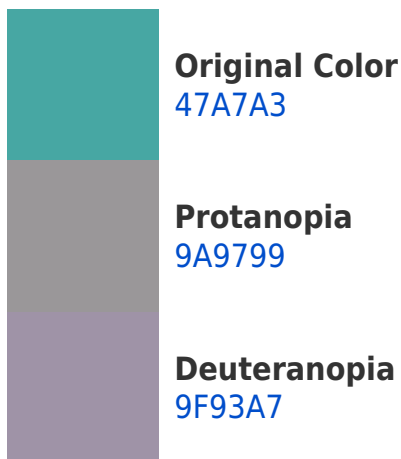


This preview shows how white text looks on a background with the Hex color 47A7A3.

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
4DA5B2

Trichromacy



Original Color
47A7A3



Protanomaly
7C9D9D



Deuteranomaly
7F9AA6



Tritanomaly
4BA6AD

Monochromacy



Original Color
47A7A3



Achromatopsia
8A8A8A



Achromatomaly
729593

CSS Examples

Text

The CSS property to change the color of the text to Hex 47A7A3 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 #47A7A3 looks like.

```
.text, #text, p{  
    color:#47A7A3  
}
```

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 #47A7A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47A7A3
}
```

Border

The CSS property to change the border of an element to Hex 47A7A3 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
#47A7A3 }
```

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

```
.border{ border-color:#47A7A3 }
```

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

Here you see how a box with a 4 pixel #47A7A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47A7A3; -webkit-box-shadow:4px 4px  
4px 4px #47A7A3; box-shadow:4px 4px 4px  
4px #47A7A3 }
```

Background

The CSS property to change the background color of an element to Hex 47A7A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47A7A3 }
```

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

```
.background{ background-color:#47A7A3 }
```

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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