

Converting Colors

Hex(48AAA3)

Have a look what the booklet for
Hex(48AAA3) contains.

Hex(48AAA3)	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(48AAA3)

Conversions

Conversions Part 1

Format	Color
Hex	48AAA3
RGB	72, 170, 163
RGB Percent	28%, 67%, 64%
CMY	0.7176, 0.3333, 0.3608
CMYK	0.58, 0.00, 0.04, 0.33
HSL	176°, 40%, 47%
HSV	176°, 58%, 67%
XYZ	23.6581, 32.7715, 39.7290
YIQ	139.9000, -56.1610, -22.9530

Conversions

Conversions Part 2

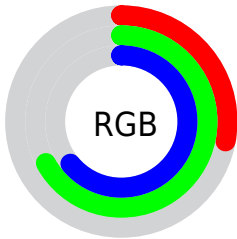
Format	Color
RYB	72, 123, 170
Decimal	4762275
CIELab	63.98, -30.20, -5.03
CIELCh	64, 30.616, 189.450
Yxy	32.7715, 0.2460, 0.3408
Android (android.graphics.Color)	4282952355 (0xFF48AAA3)
YUV	139.9000, 11.3883, -59.5483
Hunter-Lab	57.2464, -26.4130, -1.0747

Details

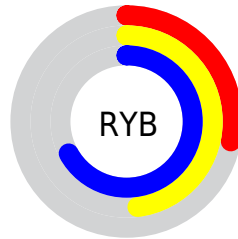
The Hex color **48AAA3** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AA484F**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **82E2DA**, and **00756F** is the 20% darker color. If you saturate the color by 10%, you get **37AAA2**, and if you desaturate by 10%, it is **59AAA4**.

Distribution



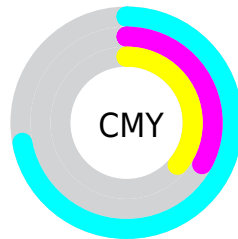
- Red (28%)
- Green (67%)
- Blue (64%)



- Red (28%)
- Yellow (48%)
- Blue (67%)



- Cyan (58%)
- Magenta (0%)
- Yellow (4%)
- Black (33%)



- Cyan (72%)
- Magenta (33%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48AAA3 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 48AAA3 by changing the saturation by 10% instead.



48AAA3



48AAA3

FFFFFF



278F89



82E2DA



00756F



9EFFF6



005C57



BBFFFF



004440



D9FFFF



002D2A



F6FFFF



001716



000000



48AAA3



48AAA3



37AAA2



59AAA4

■ 26AAA1

■ 6AAAA5

■ 15AA9F

■ 7BAAA7

■ 04AA9E

■ 8CAAA8

■ 00AA9E

■ 9DAAA9

■ AEAAAA

■ BFAAAB

■ D0AAAD

■ E1AAAE

Harmonies

Analogous

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



67A887



48AAA3



3EA8BD

Triad

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



48AAA3



AA91C5



BE9368

Complementary

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



48AAA3



AA484F

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.



CE8A7A



48AAA3



C589AF

Square

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



48AAA3



839BD1



D18693



A59C65

Rectangle

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



48AAA3



4DA5C9



D18693



C4906D

Sweetspot

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



48AAA3



B8DEDB



50AA48



5A706F



F0F0F0



707070

Same Dimension

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



48AAA3



45DED3



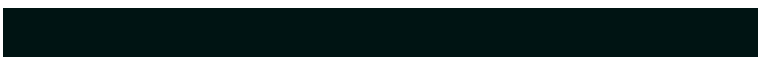
4881AA



4C5454



009489



001413

Inverse Universe

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



AA484F



DE4550



AA7148



544C4C



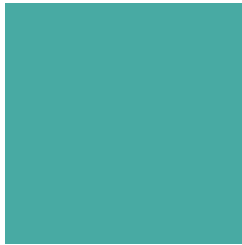
94000B



140001

Previews

White Background



This preview shows how the Hex color 48AAA3 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 48AAA3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

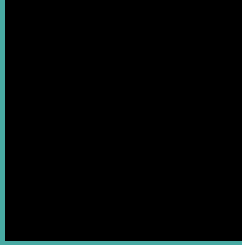
Any Text WCAG AA ✓ Pass

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 48AAA3 Background



This preview shows how black text looks on a background with the Hex color 48AAA3.

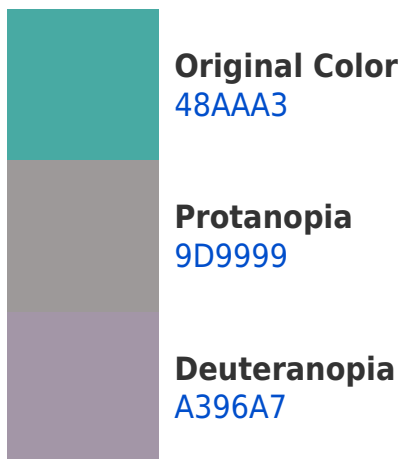


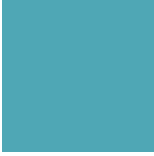
This preview shows how white text looks on a background with the Hex color 48AAA3.

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](#).

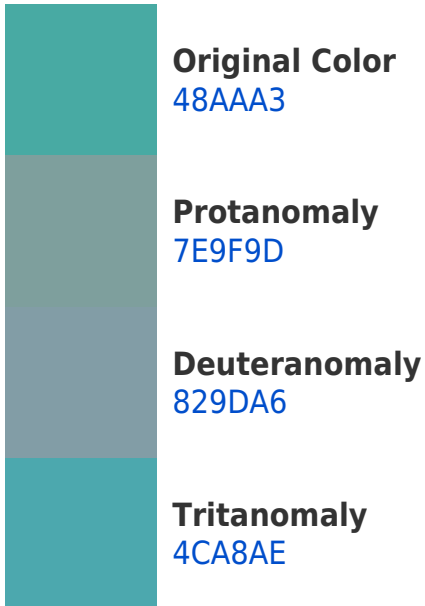
Dichromacy





Tritanopia
4FA7B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 48AAA3 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 #48AAA3 looks like.

```
.text, #text, p{  
    color:#48AAA3  
}
```

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 #48AAA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48AAA3
}
```

Border

The CSS property to change the border of an element to Hex 48AAA3 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
#48AAA3 }
```

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

```
.border{ border-color:#48AAA3 }
```

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

Here you see how a box with a 4 pixel #48AAA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48AAA3; -webkit-box-shadow:4px 4px  
4px 4px #48AAA3; box-shadow:4px 4px 4px  
4px #48AAA3 }
```

Background

The CSS property to change the background color of an element to Hex 48AAA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48AAA3 }
```

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

```
.background{ background-color:#48AAA3 }
```

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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