

Converting Colors

Hex(48B2A3)

Have a look what the booklet for
Hex(48B2A3) contains.

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Color

Hex(48B2A3)

Conversions

Conversions Part 1

Format	Color
Hex	48B2A3
RGB	72, 178, 163
RGB Percent	28%, 70%, 64%
CMY	0.7176, 0.3020, 0.3608
CMYK	0.60, 0.00, 0.08, 0.30
HSL	172°, 42%, 49%
HSV	172°, 60%, 70%
XYZ	25.2037, 35.8629, 40.2442
YIQ	144.5960, -58.3610, -27.1370

Conversions

Conversions Part 2

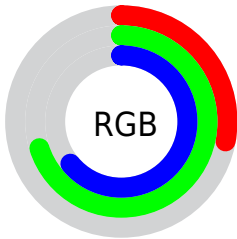
Format	Color
RYB	72, 129, 178
Decimal	4764323
CIELab	66.41, -34.01, -1.44
CIELCh	66, 34.040, 182.417
Yxy	35.8629, 0.2488, 0.3540
Android (android.graphics.Color)	4282954403 (0xFF48B2A3)
YUV	144.5960, 9.0732, -63.6667
Hunter-Lab	59.8856, -29.6754, 2.0760

Details

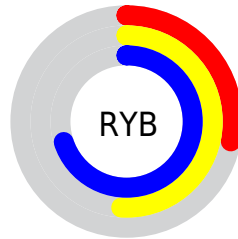
The Hex color **48B2A3** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **B24857**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **83EADA**, and **007D6F** is the 20% darker color. If you saturate the color by 10%, you get **36B2A0**, and if you desaturate by 10%, it is **5AB2A6**.

Distribution



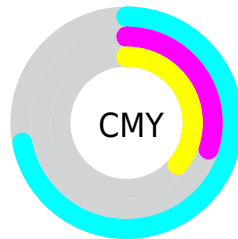
- Red (28%)
- Green (70%)
- Blue (64%)



- Red (28%)
- Yellow (51%)
- Blue (70%)



- Cyan (60%)
- Magenta (0%)
- Yellow (8%)
- Black (30%)



- Cyan (72%)
- Magenta (30%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48B2A3 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 48B2A3 by changing the saturation by 10% instead.



48B2A3



48B2A3

FFFFFF



269789



83EADA



007D6F



A0FFF6



006357



BDFFFF



004B40



DAFFFF



00332A



F8FFFF



001F16



000000



48B2A3



48B2A3



36B2A0



5AB2A6

 24B29E

 6CB2A8

 13B29B

 7DB2AB

 01B299

 8FB2AD

 00B299

 A1B2B0

 B3B2B2

 C5B2B5

 D6B2B7

 E8B2BA

Harmonies

Analogous

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



6FAF84



48B2A3



2DB1C1

Triad

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



48B2A3



A899D5



CD966C

Complementary

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



48B2A3



B24857

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.



DC8D82



48B2A3



CA8FBE

Square

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



48B2A3



7AA4DE



DC8AA0



B4A064

Rectangle

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



48B2A3



3AAED1



DC8AA0



D49372

Sweetspot

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



48B2A3



BEE8E2



58B248



5B7572



F5F5F5



757575

Same Dimension

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



48B2A3



43E8D1



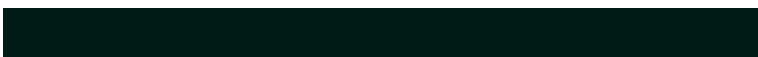
488DB2



505958



009983



001A16

Inverse Universe

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



B24857



E8435B



B26D48



595052



990016



1A0004

Previews

White Background



This preview shows how the Hex color 48B2A3 looks on a white background.

Color Contrast Check

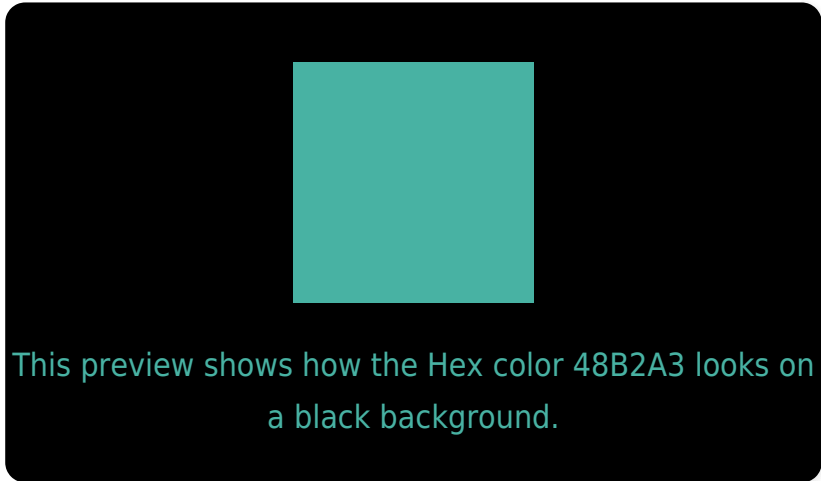
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

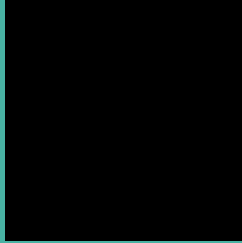
Any Text WCAG AA ✓ Pass

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 48B2A3 Background



This preview shows how black text looks on a background with the Hex color 48B2A3.

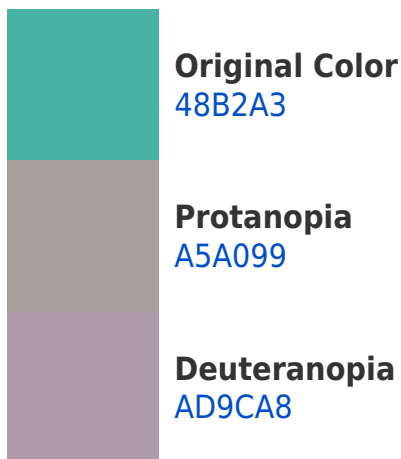


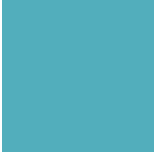
This preview shows how white text looks on a background with the Hex color 48B2A3.

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](#).

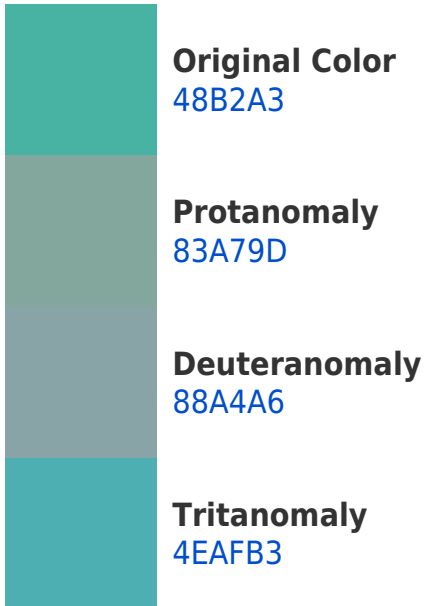
Dichromacy





Tritanopia
52AEBC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 48B2A3 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 #48B2A3 looks like.

```
.text, #text, p{  
    color:#48B2A3  
}
```

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 #48B2A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48B2A3  
}
```

Border

The CSS property to change the border of an element to Hex 48B2A3 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  
#48B2A3 }
```

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

```
.border{ border-color:#48B2A3 }
```

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

Here you see how a box with a 4 pixel #48B2A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48B2A3; -webkit-box-shadow:4px 4px  
4px 4px #48B2A3; box-shadow:4px 4px 4px  
4px #48B2A3 }
```

Background

The CSS property to change the background color of an element to Hex 48B2A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48B2A3 }
```

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

```
.background{ background-color:#48B2A3 }
```

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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