

Converting Colors

Hex(48B4B1)

Have a look what the booklet for
Hex(48B4B1) contains.

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Color

Hex(48B4B1)

Conversions

Conversions Part 1

Format	Color
Hex	48B4B1
RGB	72, 180, 177
RGB Percent	28%, 71%, 69%
CMY	0.7176, 0.2941, 0.3059
CMYK	0.60, 0.00, 0.02, 0.29
HSL	178°, 43%, 49%
HSV	178°, 60%, 71%
XYZ	26.9296, 37.1946, 47.3549
YIQ	147.3660, -63.4050, -23.8290

Conversions

Conversions Part 2

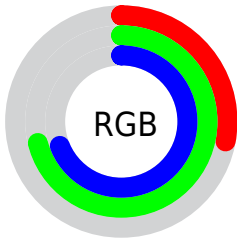
Format	Color
RYB	72, 127, 180
Decimal	4764849
CIELab	67.42, -31.18, -7.70
CIELCh	67, 32.119, 193.866
Yxy	37.1946, 0.2416, 0.3336
Android (android.graphics.Color)	4282954929 (0xFF48B4B1)
YUV	147.3660, 14.6096, -66.0960
Hunter-Lab	60.9873, -27.9094, -3.3458

Details

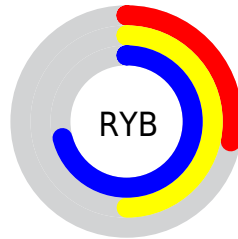
The Hex color **48B4B1** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **B4484B**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **84ECE9**, and **007F7D** is the 20% darker color. If you saturate the color by 10%, you get **36B4B1**, and if you desaturate by 10%, it is **5AB4B2**.

Distribution



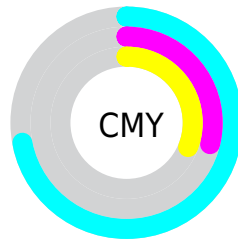
- Red (28%)
- Green (71%)
- Blue (69%)



- Red (28%)
- Yellow (50%)
- Blue (71%)



- Cyan (60%)
- Magenta (0%)
- Yellow (2%)
- Black (29%)



- Cyan (72%)
- Magenta (29%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48B4B1 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 48B4B1 by changing the saturation by 10% instead.

 48B4B1

 48B4B1

FFFFFF

 249996

 84ECE9

 007F7D

 A1FFFF

 006564

 BEFFFF

 004D4C

 DCFFFF

 003535

 FAFFFF

 002220

 000008

 000000

 48B4B1

 48B4B1

■ 36B4B1

■ 5AB4B2

■ 24B4B0

■ 6CB4B2

■ 12B4B0

■ 7EB4B3

■ 00B4AF

■ 90B4B3

■ A2B4B4

■ B4B4B4

■ C6B4B5

■ D8B4B5

■ EAB4B6

Harmonies

Analogous

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



67B393



48B4B1



43B2CB

Triad

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



48B4B1



B998CE



C69D6D

Complementary

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



48B4B1



B4484B

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.



D8947D



48B4B1



D390B5

Square

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



48B4B1



91A2DC



DE8E98



ABA76B

Rectangle

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



48B4B1



57AED7



DE8E98



CD9A71

Sweetspot

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



48B4B1



C0EBE9



4CB448



5B7575



F5F5F5



757575

Same Dimension

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



48B4B1



42EBE6



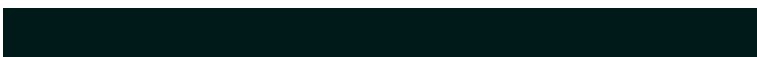
4882B4



505959



009995



001A19

Inverse Universe

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



B4484B



EB4246



B47A48



595051



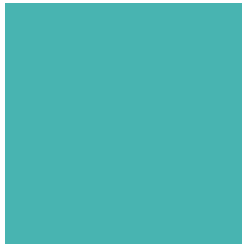
990004



1A0001

Previews

White Background



This preview shows how the Hex color 48B4B1 looks on a white background.

Color Contrast Check

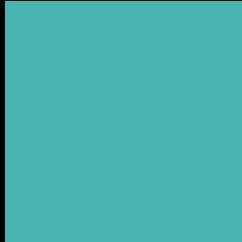
Large Text (above 18pt) WCAG AA × Fail

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 48B4B1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

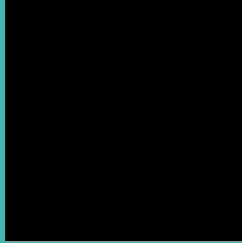
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

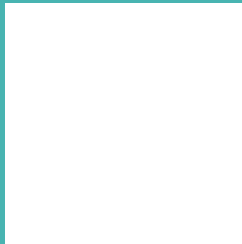
Any Text WCAG AAA ✓ Pass

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

Hex 48B4B1 Background



This preview shows how black text looks on a background with the Hex color 48B4B1.

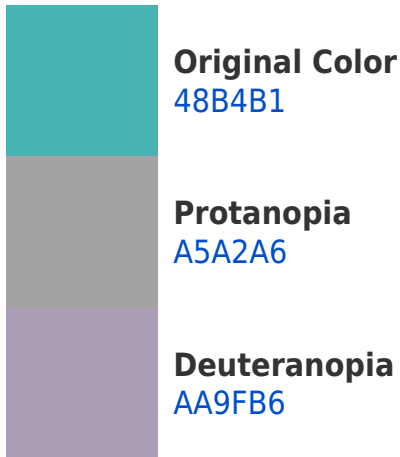


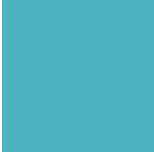
This preview shows how white text looks on a background with the Hex color 48B4B1.

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](#).

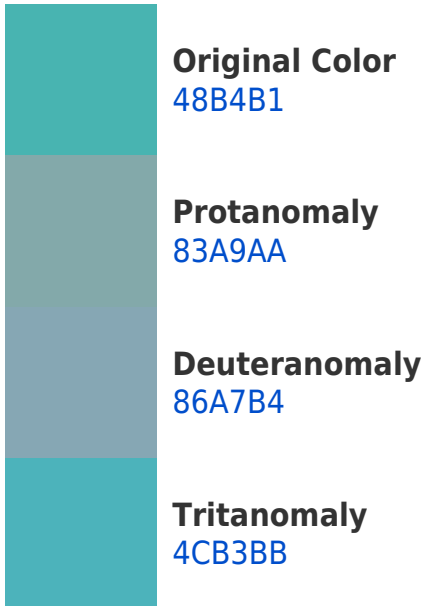
Dichromacy





Tritanopia
4EB2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 48B4B1 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 #48B4B1 looks like.

```
.text, #text, p{  
    color:#48B4B1  
}
```

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 #48B4B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48B4B1
}
```

Border

The CSS property to change the border of an element to Hex 48B4B1 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
#48B4B1 }
```

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

```
.border{ border-color:#48B4B1 }
```

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

Here you see how a box with a 4 pixel #48B4B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48B4B1; -webkit-box-shadow:4px 4px  
4px 4px #48B4B1; box-shadow:4px 4px 4px  
4px #48B4B1 }
```

Background

The CSS property to change the background color of an element to Hex 48B4B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48B4B1 }
```

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

```
.background{ background-color:#48B4B1 }
```

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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