

Converting Colors

Hex(47B5B8)

Have a look what the booklet for
Hex(47B5B8) contains.

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Color

Hex(47B5B8)

Conversions

Conversions Part 1

Format	Color
Hex	47B5B8
RGB	71, 181, 184
RGB Percent	28%, 71%, 72%
CMY	0.7216, 0.2902, 0.2784
CMYK	0.61, 0.02, 0.00, 0.28
HSL	182°, 44%, 50%
HSV	182°, 61%, 72%
XYZ	27.7741, 37.8480, 51.1890
YIQ	148.4520, -66.5230, -22.3870

Conversions

Conversions Part 2

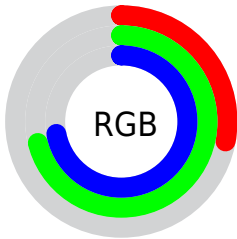
Format	Color
RYB	71, 127, 184
Decimal	4699576
CIELab	67.91, -29.88, -10.84
CIElCh	68, 31.786, 199.947
Yxy	37.8480, 0.2378, 0.3240
Android (android.graphics.Color)	4282889656 (0xFF47B5B8)
YUV	148.4520, 17.5252, -67.9254
Hunter-Lab	61.5208, -27.0758, -6.2683

Details

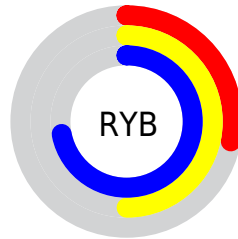
The Hex color **47B5B8** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **B84A47**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **84EDF0**, and **008083** is the 20% darker color. If you saturate the color by 10%, you get **35B5B8**, and if you desaturate by 10%, it is **59B5B8**.

Distribution



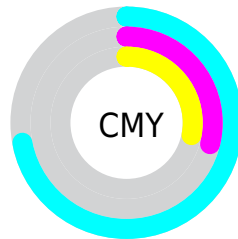
- Red (28%)
- Green (71%)
- Blue (72%)



- Red (28%)
- Yellow (50%)
- Blue (72%)



- Cyan (61%)
- Magenta (2%)
- Yellow (0%)
- Black (28%)



- Cyan (72%)
- Magenta (29%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47B5B8 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 47B5B8 by changing the saturation by 10% instead.

47B5B8

47B5B8

FFFFFF

229A9D

84EDF0

008083

A1FFFF

00666A

BEFFFF

004E52

DCFFFF

00363B

FAFFFF

002225

000110

000000

47B5B8

47B5B8

 35B5B8

 59B5B8

 22B4B8

 6CB6B8

 10B4B8

 7EB6B8

 00B3B8

 91B7B8

 A3B7B8

 B5B8B8

 C8B8B8

 DAB9B8

 EDB9B8

Harmonies

Analogous

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



63B59A



47B5B8



4BB2D0

Triad

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



47B5B8



C097CB



C2A06D

Complementary

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



47B5B8



B84A47

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.



D6977B



47B5B8



D891B0

Square

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



47B5B8



9CA2DB



DF9193



A6AA6F

Rectangle

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



47B5B8



62AEDB



DF9193



CA9D70

Sweetspot

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



47B5B8



C5EFF0



47B849



5D7778



F7F7F7



787878

Same Dimension

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



47B5B8



3EEBF0



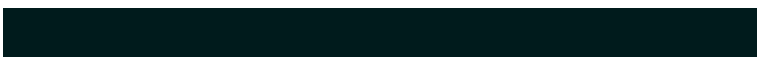
477EB8



535C5C



00979C



001B1C

Inverse Universe

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



B847B5



F03EEB



B88147



5C535C



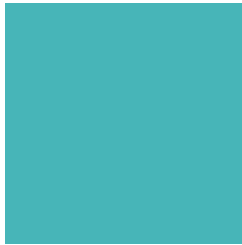
9C0097



1C001B

Previews

White Background



This preview shows how the Hex color 47B5B8 looks on a white background.

Color Contrast Check

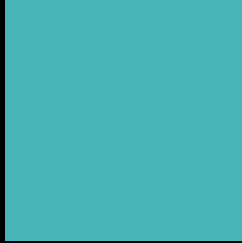
Large Text (above 18pt) WCAG AA × Fail

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 47B5B8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

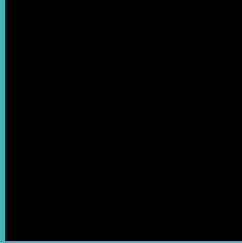
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

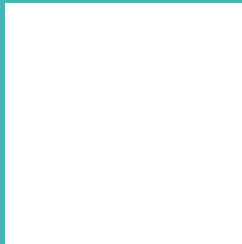
Any Text WCAG AAA ✓ Pass

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

Hex 47B5B8 Background



This preview shows how black text looks on a background with the Hex color 47B5B8.

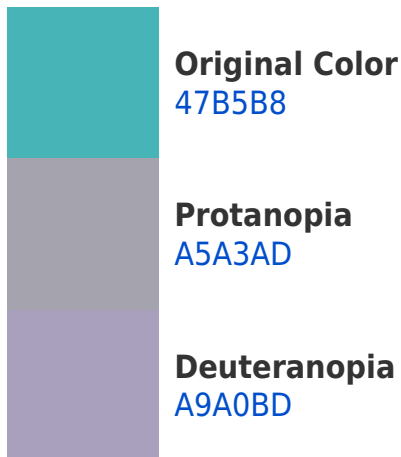


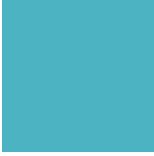
This preview shows how white text looks on a background with the Hex color 47B5B8.

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](#).

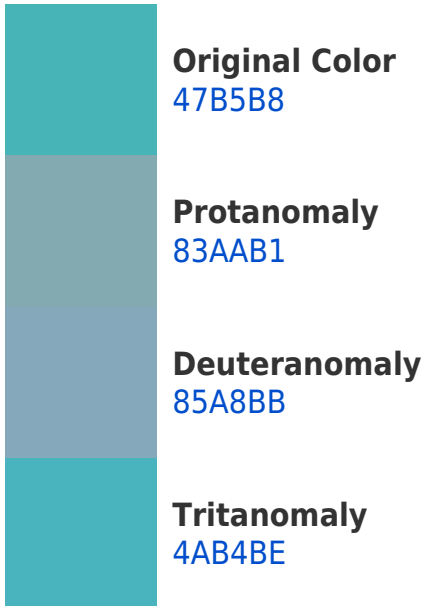
Dichromacy



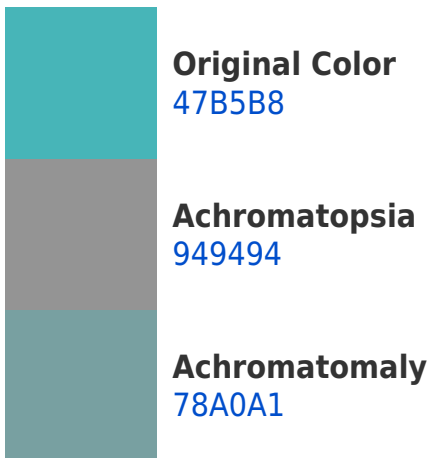


Tritanopia
4CB3C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 47B5B8 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 #47B5B8 looks like.

```
.text, #text, p{  
    color:#47B5B8  
}
```

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 #47B5B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47B5B8
}
```

Border

The CSS property to change the border of an element to Hex 47B5B8 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
#47B5B8 }
```

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

```
.border{ border-color:#47B5B8 }
```

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

Here you see how a box with a 4 pixel #47B5B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47B5B8; -webkit-box-shadow:4px 4px  
4px 4px #47B5B8; box-shadow:4px 4px 4px  
4px #47B5B8 }
```

Background

The CSS property to change the background color of an element to Hex 47B5B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47B5B8 }
```

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

```
.background{ background-color:#47B5B8 }
```

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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