

Converting Colors

Hex(47B2BD)

Have a look what the booklet for
Hex(47B2BD) contains.

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Color

Hex(47B2BD)

Conversions

Conversions Part 1

Format	Color
Hex	47B2BD
RGB	71, 178, 189
RGB Percent	28%, 70%, 74%
CMY	0.7216, 0.3020, 0.2588
CMYK	0.62, 0.06, 0.00, 0.26
HSL	186°, 47%, 51%
HSV	186°, 62%, 74%
XYZ	27.7042, 36.8545, 53.7976
YIQ	147.2610, -67.3030, -19.2630

Conversions

Conversions Part 2

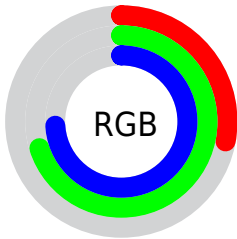
Format	Color
RYB	71, 127, 189
Decimal	4698813
CIELab	67.17, -26.96, -14.72
CIElCh	67, 30.720, 208.629
Yxy	36.8545, 0.2341, 0.3114
Android (android.graphics.Color)	4282888893 (0xFF47B2BD)
YUV	147.2610, 20.5773, -66.8809
Hunter-Lab	60.7079, -24.7798, -10.0455

Details

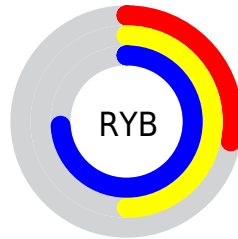
The Hex color **47B2BD** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **BD5247**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **84EAF5**, and **007D88** is the 20% darker color. If you saturate the color by 10%, you get **34B0BD**, and if you desaturate by 10%, it is **5AB4BD**.

Distribution



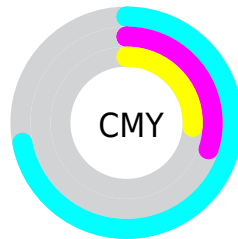
- Red (28%)
- Green (70%)
- Blue (74%)



- Red (28%)
- Yellow (50%)
- Blue (74%)



- Cyan (62%)
- Magenta (6%)
- Yellow (0%)
- Black (26%)



- Cyan (72%)
- Magenta (30%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47B2BD 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 47B2BD by changing the saturation by 10% instead.

 47B2BD

 47B2BD

FFFFFF

 2297A2

 84EAF5

 007D88

 A1FFFF

 00646E

 BFFFFFF

 004B56

 DCFFFF

 00343F

 FAFFFF

 002129

 000115

 000000

 47B2BD

 47B2BD

■ 34B0BD

■ 5AB4BD

■ 21AEBD

■ 6DB6BD

■ 0EADBD

■ 80B7BD

■ 00ABBD

■ 93B9BD

■ A6BBBD

■ B8BDBD

■ CBBEBD

■ DEC0BD

■ F1C2BD

Harmonies

Analogous

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



5BB3A1



47B2BD



56AED2

Triad

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



47B2BD



C694C1



B8A16C

Complementary

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



47B2BD



BD5247

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.



CE9875



47B2BD



D78FA6

Square

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



47B2BD



A59DD4



DA918A



9BAA72

Rectangle

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



47B2BD



6FA9D9



DA918A



C09E6E

Sweetspot

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



47B2BD



C6F0F5



47BD51



5E787A



FAFAFA



7A7A7A

Same Dimension

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



47B2BD



3DE4F5



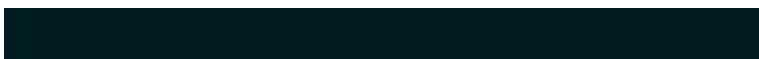
4778BD



555D5E



008F9E



001C1F

Inverse Universe

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



BD47B2



F53DE4



BD8C47



5E555D



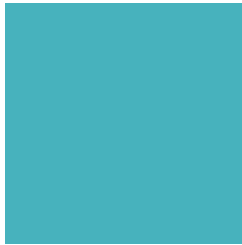
9E008F



1F001C

Previews

White Background



This preview shows how the Hex color 47B2BD looks on a white background.

Color Contrast Check

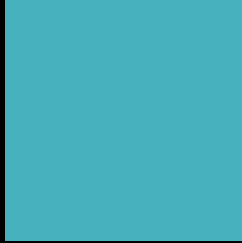
Large Text (above 18pt) WCAG AA × Fail

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 47B2BD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

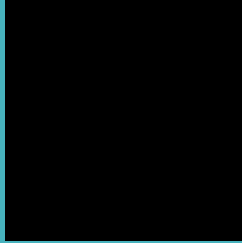
Any Text WCAG AA ✓ Pass

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 47B2BD Background



This preview shows how black text looks on a background with the Hex color 47B2BD.

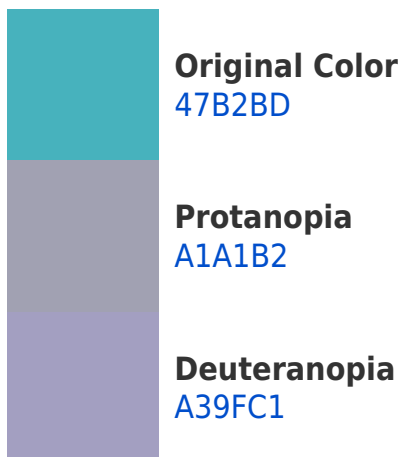


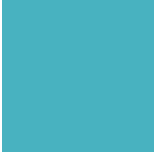
This preview shows how white text looks on a background with the Hex color 47B2BD.

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
48B2C0

Trichromacy



Original Color
47B2BD



Protanomaly
80A7B6



Deuteranomaly
82A6C0



Tritanomaly
48B2BF

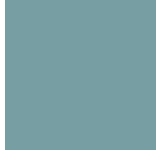
Monochromacy



Original Color
47B2BD



Achromatopsia
939393



Achromatomaly
779EA2

CSS Examples

Text

The CSS property to change the color of the text to Hex 47B2BD 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 #47B2BD looks like.

```
.text, #text, p{  
    color:#47B2BD  
}
```

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 #47B2BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47B2BD  
}
```

Border

The CSS property to change the border of an element to Hex 47B2BD 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  
#47B2BD }
```

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

```
.border{ border-color:#47B2BD }
```

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

Here you see how a box with a 4 pixel #47B2BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47B2BD; -webkit-box-shadow:4px 4px  
4px 4px #47B2BD; box-shadow:4px 4px 4px  
4px #47B2BD }
```

Background

The CSS property to change the background color of an element to Hex 47B2BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47B2BD }
```

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

```
.background{ background-color:#47B2BD }
```

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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