

Converting Colors

Hex(47B4C0)

Have a look what the booklet for
Hex(47B4C0) contains.

Hex(47B4C0)	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(47B4C0)

Conversions

Conversions Part 1

Format	Color
Hex	47B4C0
RGB	71, 180, 192
RGB Percent	28%, 71%, 75%
CMY	0.7216, 0.2941, 0.2471
CMYK	0.63, 0.06, 0.00, 0.25
HSL	186°, 49%, 52%
HSV	186°, 63%, 75%
XYZ	28.4342, 37.7879, 55.6643
YIQ	148.7770, -68.8160, -19.3760

Conversions

Conversions Part 2

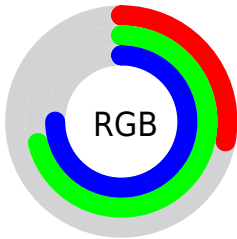
Format	Color
RYB	71, 128, 192
Decimal	4699328
CIELab	67.86, -27.08, -15.33
CIElCh	68, 31.116, 209.510
Yxy	37.7879, 0.2333, 0.3100
Android (android.graphics.Color)	4282889408 (0xFF47B4C0)
YUV	148.7770, 21.3089, -68.2104
Hunter-Lab	61.4718, -25.0093, -10.6583

Details

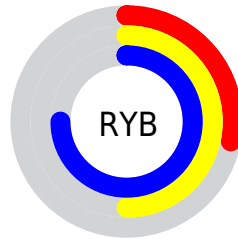
The Hex color **47B4C0** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **C05347**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **84ECF8**, and **007F8B** is the 20% darker color. If you saturate the color by 10%, you get **34B2C0**, and if you desaturate by 10%, it is **5AB6C0**.

Distribution



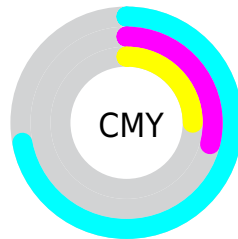
- Red (28%)
- Green (71%)
- Blue (75%)



- Red (28%)
- Yellow (50%)
- Blue (75%)



- Cyan (63%)
- Magenta (6%)
- Yellow (0%)
- Black (25%)



- Cyan (72%)
- Magenta (29%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Hex color 47B4C0 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 47B4C0 by changing the saturation by 10% instead.

 47B4C0

 47B4C0

FFFFFF

 2199A5

 84ECF8

 007F8B

 A2FFFF

 006571

 BFFFFF

 004D59

 DDFFFF

 003641

 FBFFFF

 00222B

 000117

 000000

 47B4C0

 47B4C0

■ 34B2C0

■ 5AB6C0

■ 21B0C0

■ 6DB8C0

■ 0DAEC0

■ 81BAC0

■ 00ADC0

■ 94BCC0

■ A7BEC0

■ BABFC0

■ CDC1C0

■ E1C3C0

■ F4C5C0

Harmonies

Analogous

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



5BB5A4



47B4C0



57B0D5

Triad

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



47B4C0



C995C2



B9A36D

Complementary

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



47B4C0



C05347

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.



D09A76



47B4C0



DA90A7

Square

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



47B4C0



A89ED6



DC928B



9CAC74

Rectangle

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



47B4C0



71ABDC



DC928B



C2A06E

Sweetspot

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



47B4C0



CAF5FA



47C051



607A7D



FCFCFC



7D7D7D

Same Dimension

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



47B4C0



3CE7FA



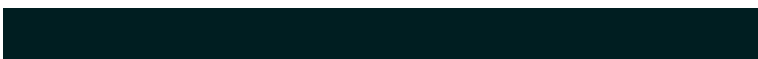
4779C0



576061



0091A1



001E21

Inverse Universe

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



C047B4



FA3CE7



C08E47



615760



A10091



21001E

Previews

White Background



This preview shows how the Hex color 47B4C0 looks on a white background.

Color Contrast Check

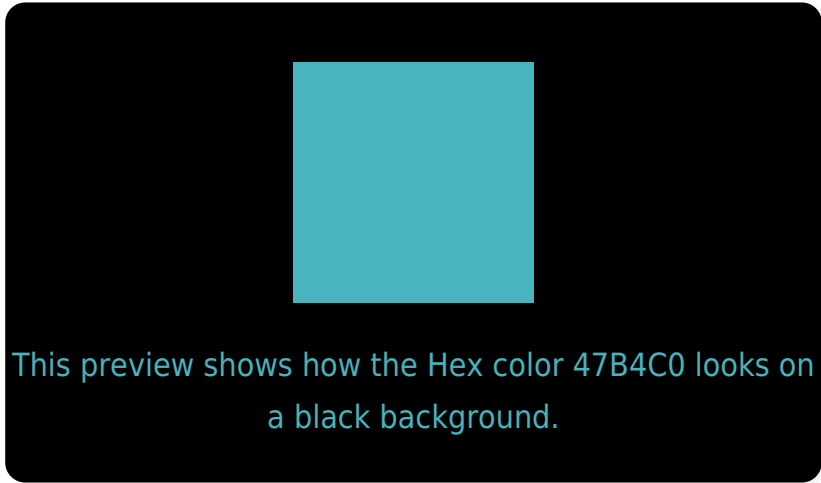
Large Text (above 18pt) WCAG AA × Fail

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

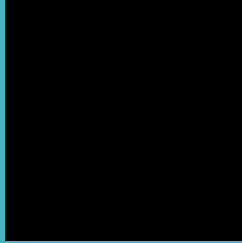
Any Text WCAG AA ✓ Pass

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 47B4C0 Background



This preview shows how black text looks on a background with the Hex color 47B4C0.

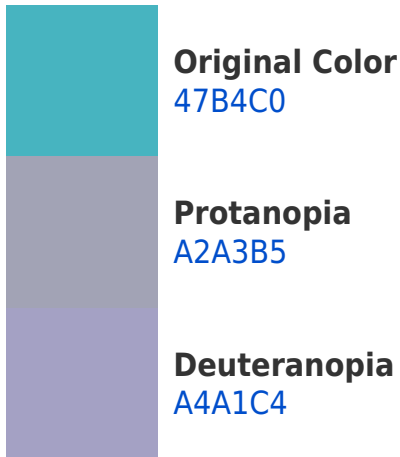


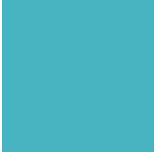
This preview shows how white text looks on a background with the Hex color 47B4C0.

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](#).

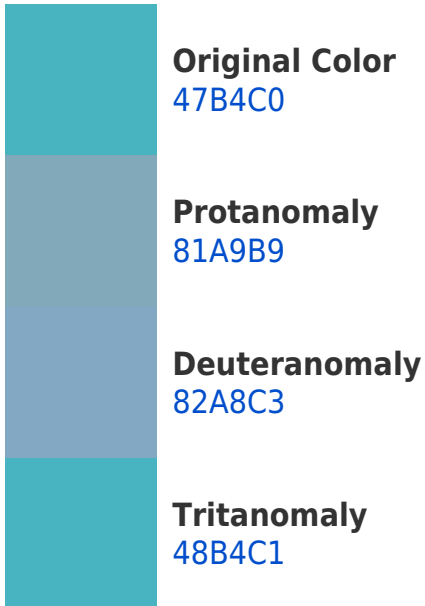
Dichromacy





Tritanopia
48B4C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 47B4C0 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 #47B4C0 looks like.

```
.text, #text, p{  
    color:#47B4C0  
}
```

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 #47B4C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47B4C0
}
```

Border

The CSS property to change the border of an element to Hex 47B4C0 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
#47B4C0 }
```

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

```
.border{ border-color:#47B4C0 }
```

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

Here you see how a box with a 4 pixel #47B4C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47B4C0; -webkit-box-shadow:4px 4px  
4px 4px #47B4C0; box-shadow:4px 4px 4px  
4px #47B4C0 }
```

Background

The CSS property to change the background color of an element to Hex 47B4C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47B4C0 }
```

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

```
.background{ background-color:#47B4C0 }
```

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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