

Converting Colors

Hex(47B7C6)

Have a look what the booklet for
Hex(47B7C6) contains.

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Color

Hex(47B7C6)

Conversions

Conversions Part 1

Format	Color
Hex	47B7C6
RGB	71, 183, 198
RGB Percent	28%, 72%, 78%
CMY	0.7216, 0.2824, 0.2235
CMYK	0.64, 0.08, 0.00, 0.22
HSL	187°, 53%, 53%
HSV	187°, 64%, 78%
XYZ	29.7251, 39.2838, 59.4419
YIQ	151.2220, -71.5670, -19.0790

Conversions

Conversions Part 2

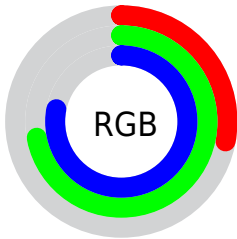
Format	Color
RYB	71, 131, 198
Decimal	4700102
CIELab	68.96, -26.80, -16.98
CIElCh	69, 31.729, 212.359
Yxy	39.2838, 0.2314, 0.3058
Android (android.graphics.Color)	4282890182 (0xFF47B7C6)
YUV	151.2220, 23.0616, -70.3547
Hunter-Lab	62.6768, -25.0290, -12.3562

Details

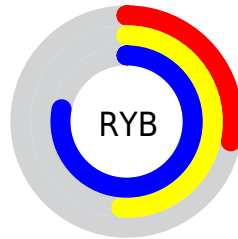
The Hex color **47B7C6** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **C65647**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **85EFFF**, and **008290** is the 20% darker color. If you saturate the color by 10%, you get **33B5C6**, and if you desaturate by 10%, it is **5BB9C6**.

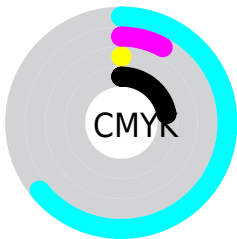
Distribution



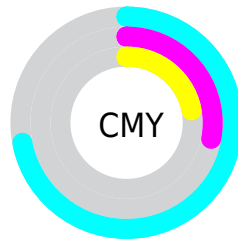
- Red (28%)
- Green (72%)
- Blue (78%)



- Red (28%)
- Yellow (51%)
- Blue (78%)



- Cyan (64%)
- Magenta (8%)
- Yellow (0%)
- Black (22%)



- Cyan (72%)
- Magenta (28%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47B7C6 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 47B7C6 by changing the saturation by 10% instead.

■ 47B7C6

■ 47B7C6

FFFFFF

■ 1F9CAB

■ 85EFFF

■ 008290

■ A3FFFF

■ 006877

■ C0FFFF

■ 00505E

■ DEFFFF

■ 003846

■ F0FFFF

■ 002330

■ 00011B

■ 000000

■ 47B7C6

■ 47B7C6

■ 33B5C6

■ 5BB9C6

■ 1FB2C6

■ 6FBCC6

■ 0CB0C6

■ 82BEC6

■ 00AFC6

■ 96C0C6

■ AAC3C6

■ BEC5C6

■ D2C7C6

■ E5CAC6

■ F9CCC6

Harmonies

Analogous

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



59B8AA



47B7C6



5BB2DA

Triad

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



47B7C6



CF97C3



BAA76F

Complementary

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



47B7C6



C65647

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.



D29D76



47B7C6



DF93A7

Square

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



47B7C6



AFA0D9



E0958B



9BB077

Rectangle

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



47B7C6



76ADE1



E0958B



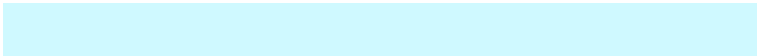
C3A46F

Sweetspot

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



47B7C6



CFF9FF



47C656



627C80



000000



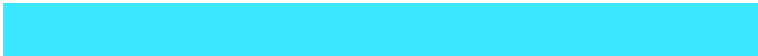
808080

Same Dimension

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



47B7C6



3BE8FF



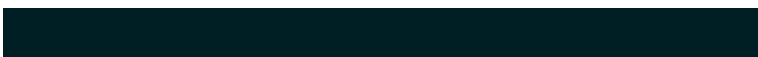
4778C6



5A6263



0090A3



001F24

Inverse Universe

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



C647B7



FF3BE8



C69547



635A62



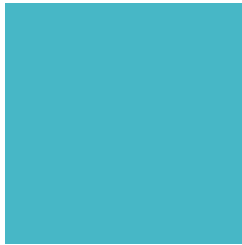
A30090



24001F

Previews

White Background



This preview shows how the Hex color 47B7C6 looks on a white background.

Color Contrast Check

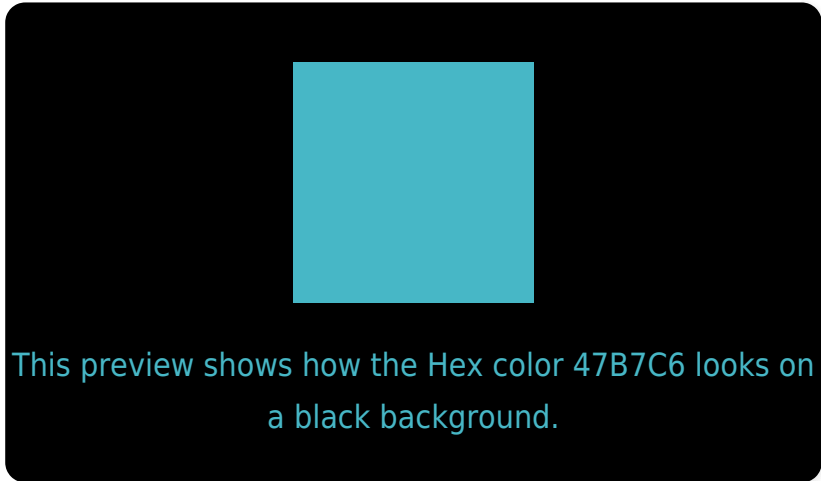
Large Text (above 18pt) WCAG AA × Fail

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

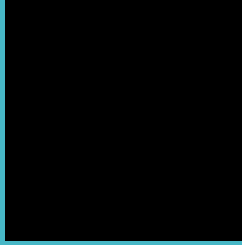
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

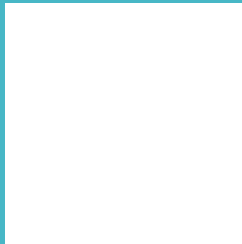
Any Text WCAG AAA ✓ Pass

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

Hex 47B7C6 Background



This preview shows how black text looks on a background with the Hex color 47B7C6.

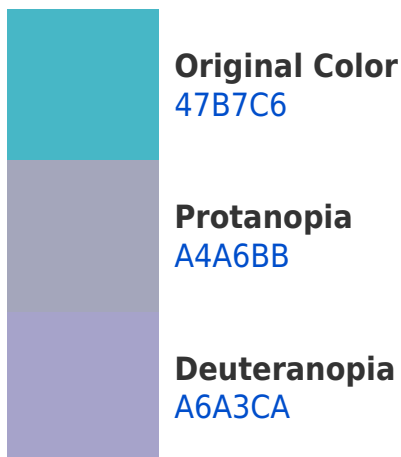


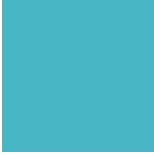
This preview shows how white text looks on a background with the Hex color 47B7C6.

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](#).

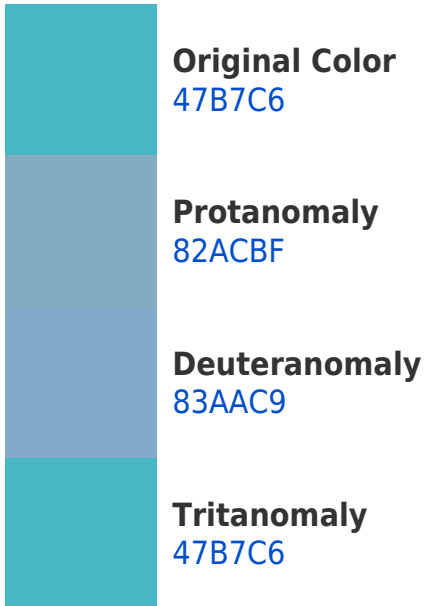
Dichromacy



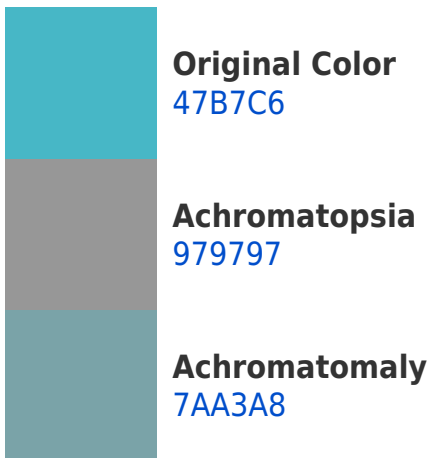


Tritanopia
47B7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 47B7C6 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 #47B7C6 looks like.

```
.text, #text, p{  
    color:#47B7C6  
}
```

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 #47B7C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47B7C6
}
```

Border

The CSS property to change the border of an element to Hex 47B7C6 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
#47B7C6 }
```

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

```
.border{ border-color:#47B7C6 }
```

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

Here you see how a box with a 4 pixel #47B7C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47B7C6; -webkit-box-shadow:4px 4px  
4px 4px #47B7C6; box-shadow:4px 4px 4px  
4px #47B7C6 }
```

Background

The CSS property to change the background color of an element to Hex 47B7C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47B7C6 }
```

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

```
.background{ background-color:#47B7C6 }
```

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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