

Converting Colors

Hex(47BCC2)

Have a look what the booklet for
Hex(47BCC2) contains.

Hex(47BCC2)	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(47BCC2)

Conversions

Conversions Part 1

Format	Color
Hex	47BCC2
RGB	71, 188, 194
RGB Percent	28%, 74%, 76%
CMY	0.7216, 0.2627, 0.2392
CMYK	0.63, 0.03, 0.00, 0.24
HSL	183°, 50%, 52%
HSV	183°, 63%, 76%
XYZ	30.3194, 41.2011, 57.3935
YIQ	153.7010, -71.6580, -22.9380

Conversions

Conversions Part 2

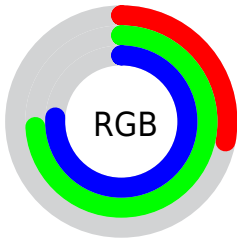
Format	Color
RYB	71, 131, 194
Decimal	4701378
CIELab	70.32, -30.42, -12.74
CIELCh	70, 32.977, 202.721
Yxy	41.2011, 0.2352, 0.3196
Android (android.graphics.Color)	4282891458 (0xFF47BCC2)
YUV	153.7010, 19.8674, -72.5288
Hunter-Lab	64.1881, -28.0143, -8.0823




Details

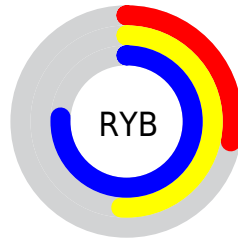
The Hex color **47BCC2** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **C24D47**, and the grayscale version is **9A9A9A**.




A 20% lighter version of the original color is **85F5FA**, and **00868C** is the 20% darker color. If you saturate the color by 10%, you get **34BBC2**, and if you desaturate by 10%, it is **5ABDC2**.

Distribution







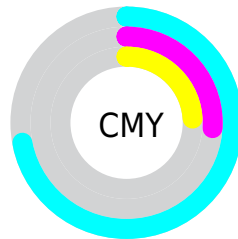
-  Red (28%)
-  Green (74%)
-  Blue (76%)






-  Red (28%)
-  Yellow (51%)
-  Blue (76%)



-  Cyan (63%)
-  Magenta (3%)
-  Yellow (0%)
-  Black (24%)



-  Cyan (72%)
-  Magenta (26%)
-  Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47BCC2 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 47BCC2 by changing the saturation by 10% instead.

 47BCC2

 47BCC2

FFFFFF

 1FA1A7

 85F5FA

 00868C

 A3FFFF

 006D73

 C1FFFF

 00545A

 DFFFFF

 003C43

 FDFFFF

 00262D

 000319

 000000

 47BCC2

 47BCC2

■ 34BBC2

■ 5ABDC2

■ 20BAC2

■ 6EBEC2

■ 0DB9C2

■ 81BFC2

■ 00B9C2

■ 95C0C2

■ A8C1C2

■ BBC2C2

■ CFC3C2

■ E2C4C2

■ F6C5C2

Harmonies

Analogous

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



63BCA3



47BCC2



4FB8DB

Triad

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



47BCC2



CB9CD1



C7A871

Complementary

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



47BCC2



C24D47

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.



DD9D7D



47BCC2



E296B5

Square

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



47BCC2



A6A7E3



E79696



A9B174

Rectangle

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



47BCC2



69B4E4



E79696



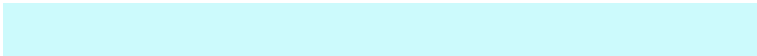
D0A473

Sweetspot

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



47BCC2



CCFAFC



47C24B



627E80



000000



808080

Same Dimension

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



47BCC2



3DF3FC



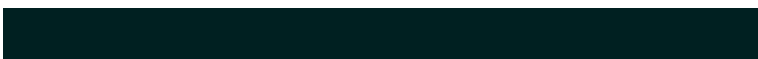
4780C2



576061



0099A1



002021

Inverse Universe

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



C247BC



FC3DF3



C28947



615760



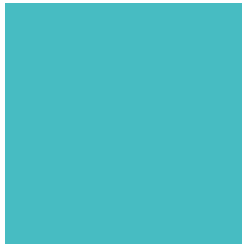
A10099



210020

Previews

White Background



This preview shows how the Hex color 47BCC2 looks on a white background.

Color Contrast Check

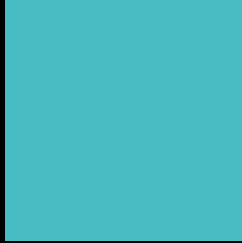
Large Text (above 18pt) WCAG AA × Fail

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 47BCC2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

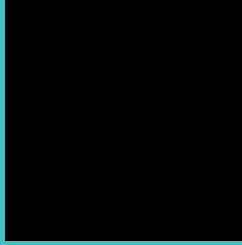
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

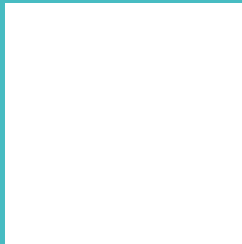
Any Text WCAG AAA ✓ Pass

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

Hex 47BCC2 Background



This preview shows how black text looks on a background with the Hex color 47BCC2.

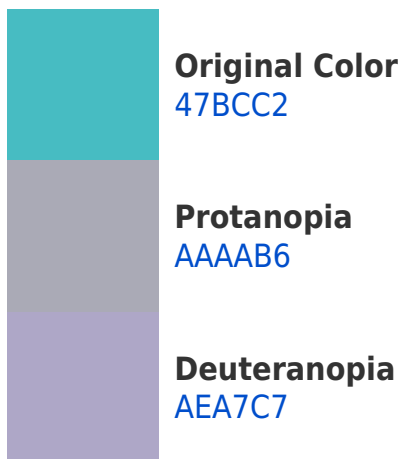


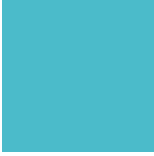
This preview shows how white text looks on a background with the Hex color 47BCC2.

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](#).

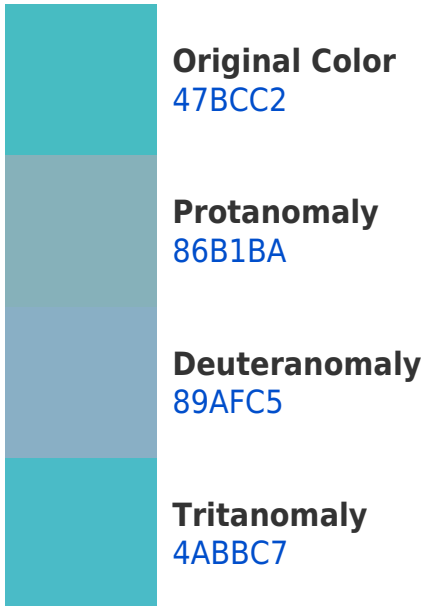
Dichromacy



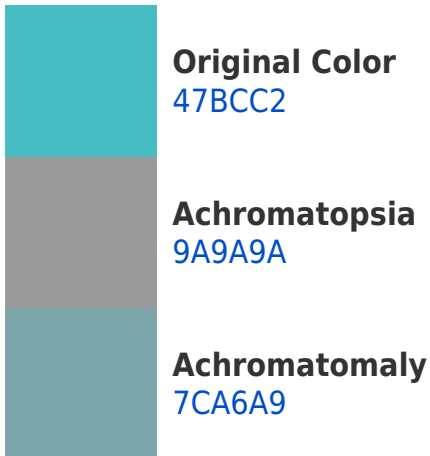


Tritanopia
4BBBCA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 47BCC2 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 #47BCC2 looks like.

```
.text, #text, p{  
    color:#47BCC2  
}
```

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 #47BCC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47BCC2
}
```

Border

The CSS property to change the border of an element to Hex 47BCC2 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
#47BCC2 }
```

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

```
.border{ border-color:#47BCC2 }
```

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

Here you see how a box with a 4 pixel #47BCC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47BCC2; -webkit-box-shadow:4px 4px  
4px 4px #47BCC2; box-shadow:4px 4px 4px  
4px #47BCC2 }
```

Background

The CSS property to change the background color of an element to Hex 47BCC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47BCC2 }
```

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

```
.background{ background-color:#47BCC2 }
```

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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