

Converting Colors

Hex(47C7E1)

Have a look what the booklet for
Hex(47C7E1) contains.

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Color

Hex(47C7E1)

Conversions

Conversions Part 1

Format	Color
Hex	47C7E1
RGB	71, 199, 225
RGB Percent	28%, 78%, 88%
CMY	0.7216, 0.2196, 0.1176
CMYK	0.68, 0.12, 0.00, 0.12
HSL	190°, 72%, 58%
HSV	190°, 68%, 88%
XYZ	36.6126, 47.6227, 78.4966
YIQ	163.6920, -84.6340, -19.0500

Conversions

Conversions Part 2

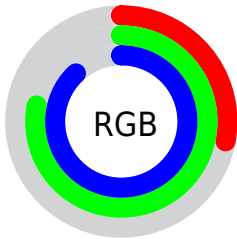
Format	Color
RYB	71, 141, 225
Decimal	4704225
CIELab	74.59, -26.65, -23.15
CIELCh	75, 35.304, 220.975
Yxy	47.6227, 0.2250, 0.2926
Android (android.graphics.Color)	4282894305 (0xFF47C7E1)
YUV	163.6920, 30.2248, -81.2909
Hunter-Lab	69.0092, -26.0636, -19.1348

Details

The Hex color **47C7E1** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light muted cyan. A complement of this color would be **E16147**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **89FFFF**, and **0091AA** is the 20% darker color. If you saturate the color by 10%, you get **31C3E1**, and if you desaturate by 10%, it is **5ECBE1**.

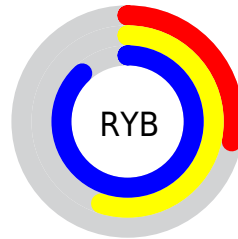
Distribution



Red (28%)

Green (78%)

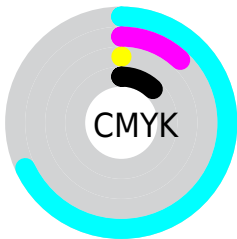
Blue (88%)



Red (28%)

Yellow (55%)

Blue (88%)

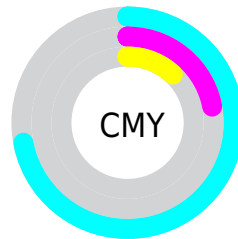


Cyan (68%)

Magenta (12%)

Yellow (0%)

Black (12%)



Cyan (72%)

Magenta (22%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47C7E1 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 47C7E1 by changing the saturation by 10% instead.

 47C7E1

 47C7E1

FFFFFF

 17ACC5

 89FFFF

 0091AA

 A8FFFF

 00778F

 C6FFFF

 005E75

 E5FFFF

 00465D

 002F45

 001B2F

 00011A

 000000

■ 47C7E1

■ 47C7E1

■ 31C3E1

■ 5ECBE1

■ 1ABFE1

■ 74CFE1

■ 03BCE1

■ 8BD2E1

■ 00BBE1

■ A1D6E1

■ B8DAE1

■ CEDEE1

■ E4E2E1

■ FBE5E1

■ FFE9E1

Harmonies

Analogous

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



52C9C3



47C7E1



6BC1F4

Triad

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



47C7E1



EAA2CD



C2B977

Complementary

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



47C7E1



E16147

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.



E0AE7B



47C7E1



F89FAD

Square

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



47C7E1



CBABE9



F3A48E



9EC286

Rectangle

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



47C7E1



8DBAF8



F3A48E



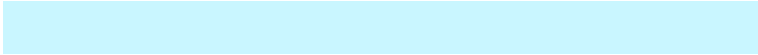
CDB676

Sweetspot

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



47C7E1



C9F6FF



47E161



607A80



000000



808080

Same Dimension

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



47C7E1



2EDCFE



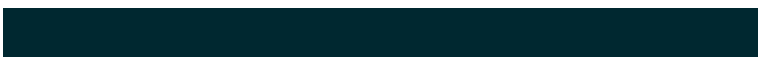
477AE1



656E70



0092B0



002830

Inverse Universe

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



E147C7



FF2EDC



E1AE47



70656E



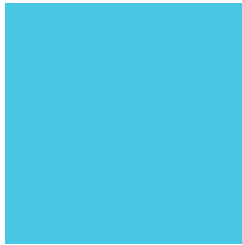
B00092



300028

Previews

White Background



This preview shows how the Hex color 47C7E1 looks on a white background.

Color Contrast Check

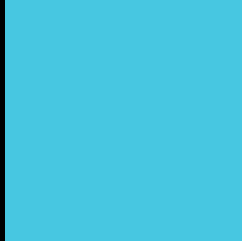
Large Text (above 18pt) WCAG AA × Fail

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 47C7E1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

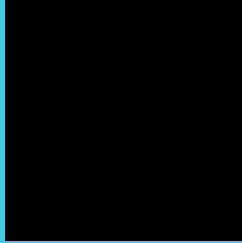
Any Text WCAG AA ✓ Pass

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 47C7E1 Background



This preview shows how black text looks on a background with the Hex color 47C7E1.

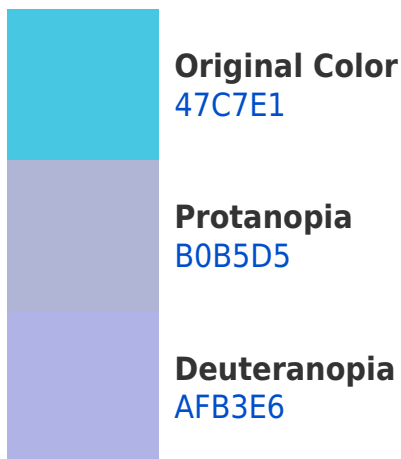


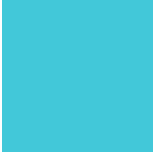
This preview shows how white text looks on a background with the Hex color 47C7E1.

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](#).

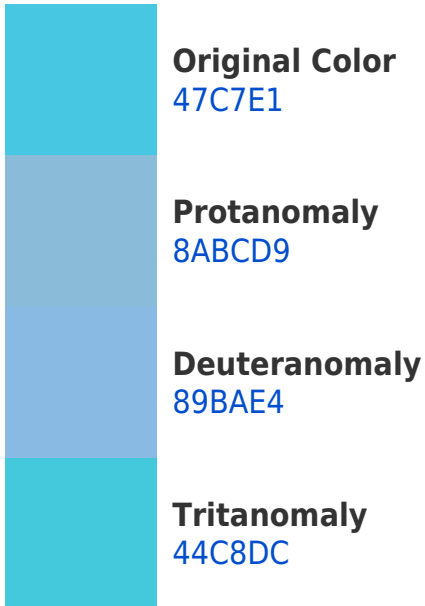
Dichromacy



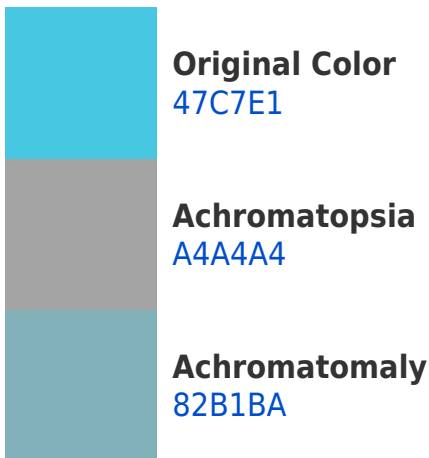


Tritanopia
42C8D9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 47C7E1 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 #47C7E1 looks like.

```
.text, #text, p{  
    color:#47C7E1  
}
```

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 #47C7E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47C7E1
}
```

Border

The CSS property to change the border of an element to Hex 47C7E1 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
#47C7E1 }
```

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

```
.border{ border-color:#47C7E1 }
```

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

Here you see how a box with a 4 pixel #47C7E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47C7E1; -webkit-box-shadow:4px 4px  
4px 4px #47C7E1; box-shadow:4px 4px 4px  
4px #47C7E1 }
```

Background

The CSS property to change the background color of an element to Hex 47C7E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47C7E1 }
```

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

```
.background{ background-color:#47C7E1 }
```

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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