

Converting Colors

Hex(47BEC0)

Have a look what the booklet for
Hex(47BEC0) contains.

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Color

Hex(47BEC0)

Conversions

Conversions Part 1

Format	Color
Hex	47BEC0
RGB	71, 190, 192
RGB Percent	28%, 75%, 75%
CMY	0.7216, 0.2549, 0.2471
CMYK	0.63, 0.01, 0.00, 0.25
HSL	181°, 49%, 52%
HSV	181°, 63%, 75%
XYZ	30.5264, 41.9723, 56.3617
YIQ	154.6470, -71.5660, -24.6060

Conversions

Conversions Part 2

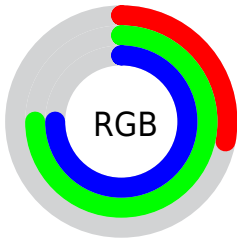
Format	Color
RYB	71, 131, 192
Decimal	4701888
CIELab	70.85, -31.95, -10.84
CIElCh	71, 33.738, 198.742
Yxy	41.9723, 0.2369, 0.3257
Android (android.graphics.Color)	4282891968 (0xFF47BEC0)
YUV	154.6470, 18.4150, -73.3584
Hunter-Lab	64.7860, -29.2684, -6.2302

Details

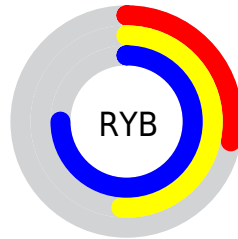
The Hex color **47BEC0** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **C04947**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **85F7F8**, and **00888B** is the 20% darker color. If you saturate the color by 10%, you get **34BEC0**, and if you desaturate by 10%, it is **5ABEC0**.

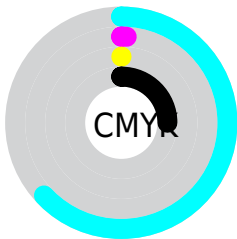
Distribution



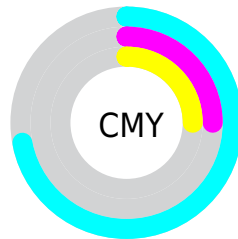
- Red (28%)
- Green (75%)
- Blue (75%)



- Red (28%)
- Yellow (51%)
- Blue (75%)



- Cyan (63%)
- Magenta (1%)
- Yellow (0%)
- Black (25%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 47BEC0 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 47BEC0 by changing the saturation by 10% instead.

 47BEC0

 47BEC0

FFFFFF

 1FA3A5

 85F7F8

 00888B

 A3FFFF

 006E71

 C1FFFF

 005559

 DFFFFF

 003D41

 FDFFFF

 00282B

 000718

 000000

 47BEC0

 47BEC0

■ 34BEC0

■ 5ABEC0

■ 21BDC0

■ 6DBFC0

■ 0DBDC0

■ 81BFC0

■ 00BDC0

■ 94BFC0

■ A7C0C0

■ BAC0C0

■ CDC0C0

■ E1C1C0

■ F4C1C0

Harmonies

Analogous

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



67BDA0



47BEC0



49BBDB

Triad

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



47BEC0



C99FD6



CDA771

Complementary

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



47BEC0



C04947

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.



E29D80



47BEC0



E297BA

Square

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



47BEC0



A1AAE7



EA979B



AFB273

Rectangle

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



47BEC0



62B7E6



EA979B



D5A475

Sweetspot

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



47BEC0



CAF9FA



47C047



607C7D



FCFCFC



7D7D7D

Same Dimension

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



47BEC0



3CF7FA



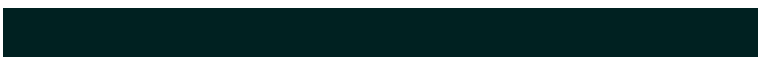
4784C0



576161



009EA1



002121

Inverse Universe

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



C047BE



FA3CF7



C08447



615761



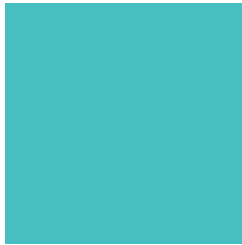
A1009E



210021

Previews

White Background



This preview shows how the Hex color 47BEC0 looks on a white background.

Color Contrast Check

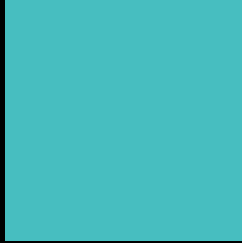
Large Text (above 18pt) WCAG AA × Fail

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 47BEC0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

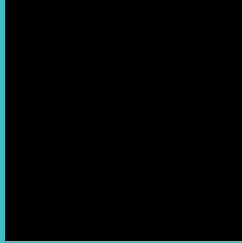
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

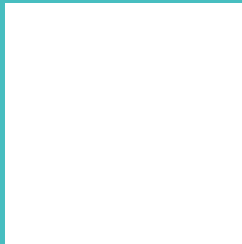
Any Text WCAG AAA ✓ Pass

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

Hex 47BEC0 Background



This preview shows how black text looks on a background with the Hex color 47BEC0.

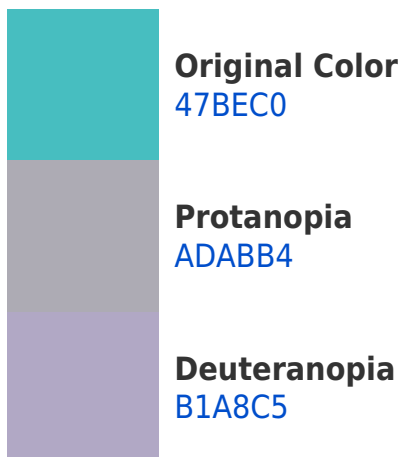


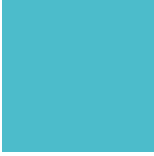
This preview shows how white text looks on a background with the Hex color 47BEC0.

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](#).

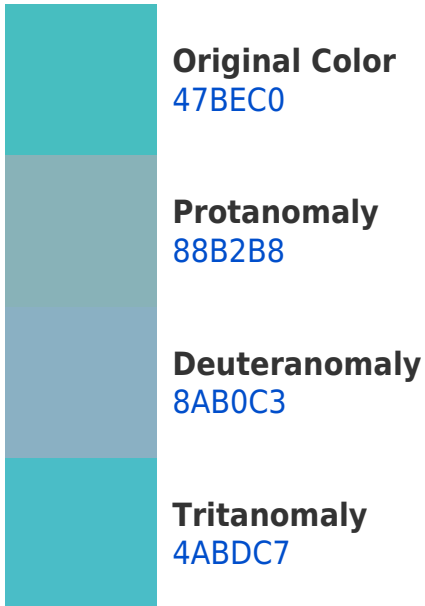
Dichromacy



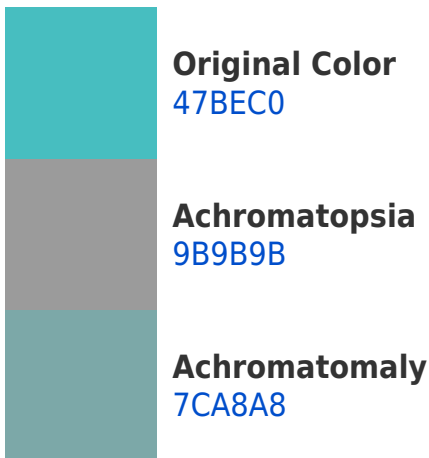


Tritanopia
4CBCCB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 47BEC0 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 #47BEC0 looks like.

```
.text, #text, p{  
    color:#47BEC0  
}
```

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 #47BEC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47BEC0
}
```

Border

The CSS property to change the border of an element to Hex 47BEC0 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
#47BEC0 }
```

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

```
.border{ border-color:#47BEC0 }
```

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

Here you see how a box with a 4 pixel #47BEC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47BEC0; -webkit-box-shadow:4px 4px  
4px 4px #47BEC0; box-shadow:4px 4px 4px  
4px #47BEC0 }
```

Background

The CSS property to change the background color of an element to Hex 47BEC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47BEC0 }
```

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

```
.background{ background-color:#47BEC0 }
```

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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