

Converting Colors

Hex(47BFC9)

Have a look what the booklet for
Hex(47BFC9) contains.

Hex(47BFC9)	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(47BFC9)

Conversions

Conversions Part 1

Format	Color
Hex	47BFC9
RGB	71, 191, 201
RGB Percent	28%, 75%, 79%
CMY	0.7216, 0.2510, 0.2118
CMYK	0.65, 0.05, 0.00, 0.21
HSL	185°, 55%, 53%
HSV	185°, 65%, 79%
XYZ	31.7720, 42.8182, 61.8485
YIQ	156.2600, -74.7300, -22.3300

Conversions

Conversions Part 2

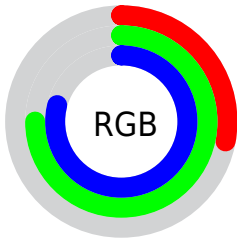
Format	Color
RYB	71, 133, 201
Decimal	4702153
CIELab	71.43, -29.85, -14.89
CIELCh	71, 33.361, 206.512
Yxy	42.8182, 0.2329, 0.3138
Android (android.graphics.Color)	4282892233 (0xFF47BFC9)
YUV	156.2600, 22.0568, -74.7730
Hunter-Lab	65.4356, -27.8426, -10.2348

Details

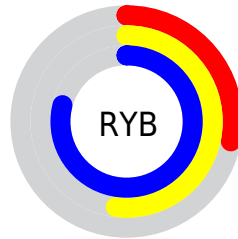
The Hex color **47BFC9** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **C95147**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **86F8FF**, and **008993** is the 20% darker color. If you saturate the color by 10%, you get **33BDC9**, and if you desaturate by 10%, it is **5BC1C9**.

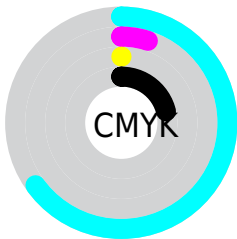
Distribution



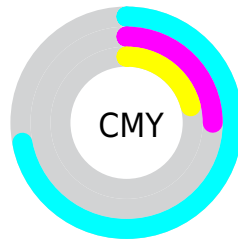
- Red (28%)
- Green (75%)
- Blue (79%)



- Red (28%)
- Yellow (52%)
- Blue (79%)



- Cyan (65%)
- Magenta (5%)
- Yellow (0%)
- Black (21%)



- Cyan (72%)
- Magenta (25%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47BFC9 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 47BFC9 by changing the saturation by 10% instead.

47BFC9

47BFC9

FFFFFF

1EA4AE

86F8FF

008993

A4FFFF

006F79

C2FFFF

005661

E0FFFF

003F49

FEFFFF

002832

000B1E

000000

47BFC9

47BFC9

■ 33BDC9

■ 5BC1C9

■ 1FBCC9

■ 6FC2C9

■ 0BBAC9

■ 83C4C9

■ 00BAC9

■ 97C5C9

■ ACC7C9

■ C0C8C9

■ D4CAC9

■ E8CBC9

■ FCCDC9

Harmonies

Analogous

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



60BFAA



47BFC9



55BBE1

Triad

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



47BFC9



D29ED1



C7AC72

Complementary

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



47BFC9



C95147

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.



DFA17D



47BFC9



E798B4

Square

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



47BFC9



AEA8E5



EB9A95



A8B578

Rectangle

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



47BFC9



70B6E9



EB9A95



D0A874

Sweetspot

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



47BFC9



CFFBFF



47C950



627D80



000000



808080

Same Dimension

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



47BFC9



38F0FF



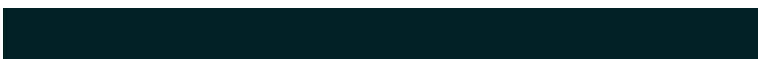
477FC9



5A6363



0097A3



002124

Inverse Universe

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



C947BF



FF38F0



C99147



635A63



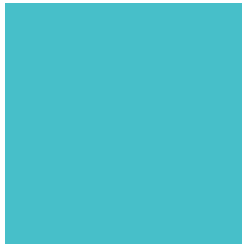
A30097



240021

Previews

White Background



This preview shows how the Hex color 47BFC9 looks on a white background.

Color Contrast Check

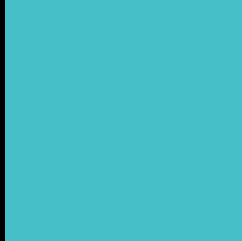
Large Text (above 18pt) WCAG AA × Fail

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 47BFC9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

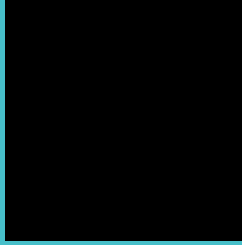
Any Text WCAG AA ✓ Pass

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 47BFC9 Background



This preview shows how black text looks on a background with the Hex color 47BFC9.

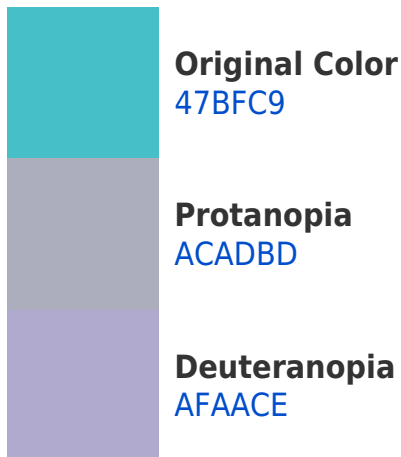


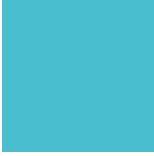
This preview shows how white text looks on a background with the Hex color 47BFC9.

Color Blindness Simulation

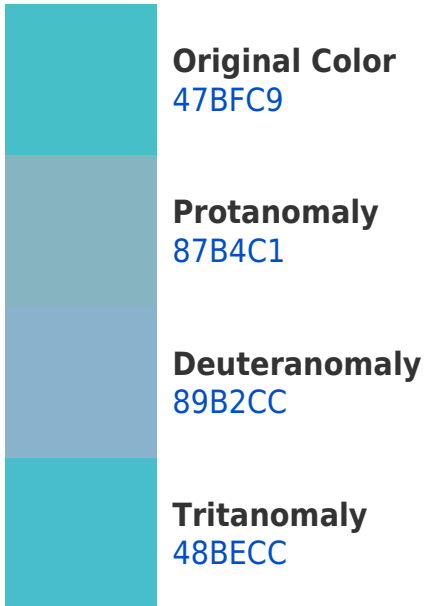
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

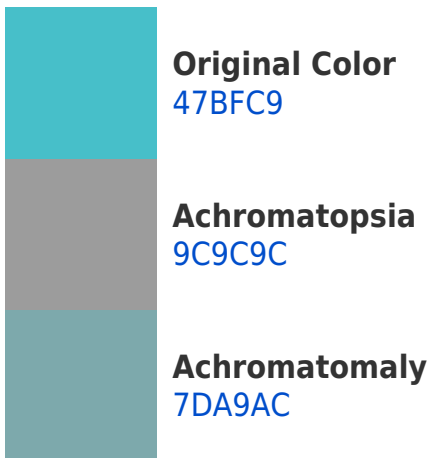




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 47BFC9 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 #47BFC9 looks like.

```
.text, #text, p{  
    color:#47BFC9  
}
```

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 #47BFC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47BFC9
}
```

Border

The CSS property to change the border of an element to Hex 47BFC9 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
#47BFC9 }
```

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

```
.border{ border-color:#47BFC9 }
```

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

Here you see how a box with a 4 pixel #47BFC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47BFC9; -webkit-box-shadow:4px 4px  
4px 4px #47BFC9; box-shadow:4px 4px 4px  
4px #47BFC9 }
```

Background

The CSS property to change the background color of an element to Hex 47BFC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47BFC9 }
```

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

```
.background{ background-color:#47BFC9 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor