

Converting Colors

Hex(47AFCE)

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

Hex(47AFCE)	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(47AFCE)

Conversions

Conversions Part 1

Format	Color
Hex	47AFCE
RGB	71, 175, 206
RGB Percent	28%, 69%, 81%
CMY	0.7216, 0.3137, 0.1922
CMYK	0.66, 0.15, 0.00, 0.19
HSL	194°, 58%, 54%
HSV	194°, 66%, 81%
XYZ	29.0691, 36.4558, 63.8971
YIQ	147.4380, -71.9350, -12.4070

Conversions

Conversions Part 2

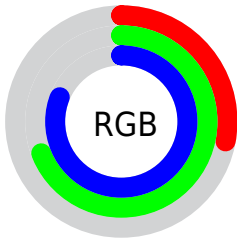
Format	Color
RYB	71, 130, 206
Decimal	4698062
CIELab	66.87, -20.31, -24.57
CIElCh	67, 31.878, 230.423
Yxy	36.4558, 0.2246, 0.2817
Android (android.graphics.Color)	4282888142 (0xFF47AFCE)
YUV	147.4380, 28.8711, -67.0361
Hunter-Lab	60.3786, -19.7243, -20.4800

Details

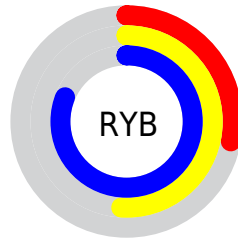
The Hex color **47AFCE** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **CE6647**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **85E7FF**, and **007A98** is the 20% darker color. If you saturate the color by 10%, you get **32AACE**, and if you desaturate by 10%, it is **5CB4CE**.

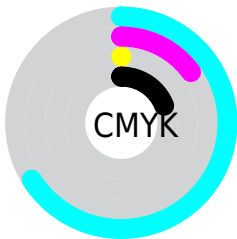
Distribution



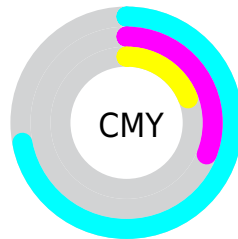
- Red (28%)
- Green (69%)
- Blue (81%)



- Red (28%)
- Yellow (51%)
- Blue (81%)



- Cyan (66%)
- Magenta (15%)
- Yellow (0%)
- Black (19%)



- Cyan (72%)
- Magenta (31%)
- Yellow (19%)

Brightness & Saturation Gradients

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

■ 47AFCE

■ 47AFCE

FFFFFF

■ 1F94B2

■ 85E7FF

■ 007A98

■ A3FFFF

■ 00617E

■ C1FFFF

■ 004965

■ DFFFFF

■ 00334D

■ FDFFFF

■ 001F36

■ 000220

■ 000005

■ 000000

■ 47AFCE

■ 47AFCE

■ 32AACE

■ 5CB4CE

■ 1EA6CE

■ 70B8CE

■ 09A1CE

■ 85BDCE

■ 009FCE

■ 99C2CE

■ AEC7CE

■ C3CBCE

■ D7D0CE

■ ECD5CE

■ FFDACE

Harmonies

Analogous

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



43B2B6



47AFCE



6DA8DB

Triad

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



47AFCE



D58EAD



A2A76C

Complementary

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



47AFCE



CE6647

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.



BF9E6A



47AFCE



DC8E90

Square

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



47AFCE



BE95C7



D39478



82AE7D

Rectangle

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



47AFCE



8BA2DB



D39478



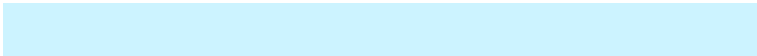
ACA46A

Sweetspot

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



47AFCE



CCF3FF



47CE64



617880



000000



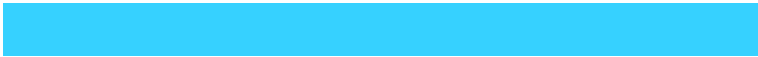
808080

Same Dimension

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



47AFCE



36D1FF



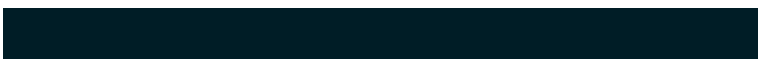
476DCE



5C6466



0080A6



001D26

Inverse Universe

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



CE47AF



FF36D1



CEA847



665C64



A60080



26001D

Previews

White Background



This preview shows how the Hex color 47AFCE 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 47AFCE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

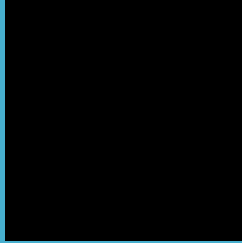
Any Text WCAG AA ✓ Pass

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 47AFCE Background



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

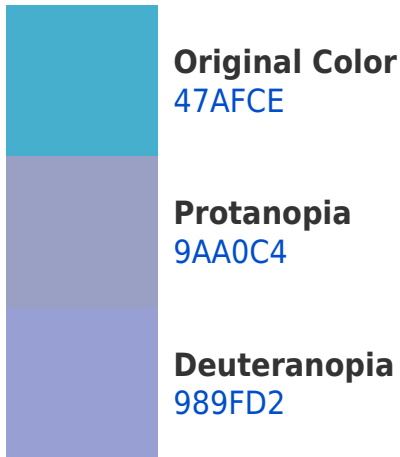


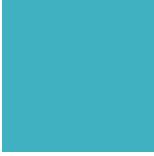
This preview shows how white text looks on a background with the Hex color 47AFCE.

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](#).

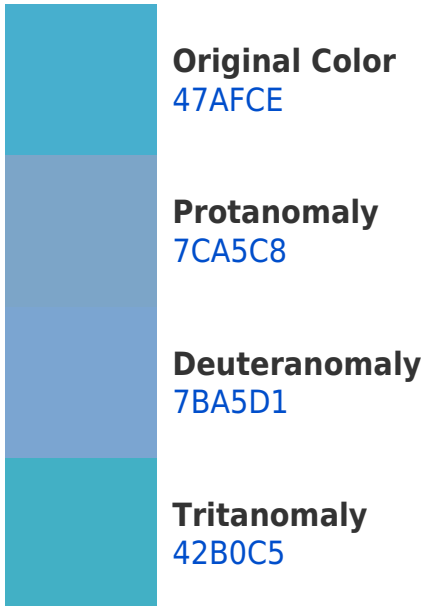
Dichromacy



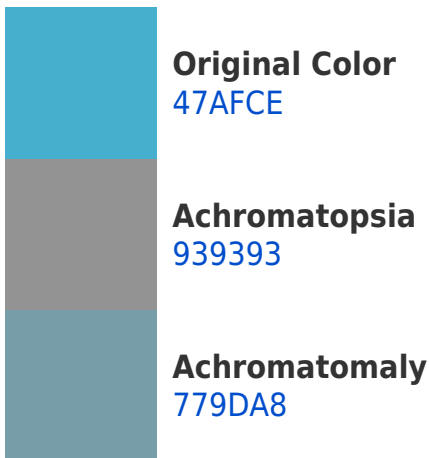


Tritanopia
3FB1C0

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #47AFCE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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