

# Converting Colors

Hex(47CED5)

Have a look what the booklet for  
Hex(47CED5) contains.

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# Color

Hex(47CED5)

# Conversions

## Conversions Part 1

Format	Color
Hex	47CED5
RGB	71, 206, 213
RGB Percent	28%, 81%, 84%
CMY	0.7216, 0.1922, 0.1647
CMYK	0.67, 0.03, 0.00, 0.16
HSL	183°, 63%, 56%
HSV	183°, 67%, 84%
XYZ	36.6801, 50.2863, 70.7238
YIQ	166.4330, -82.7070, -26.4430

# Conversions

## Conversions Part 2

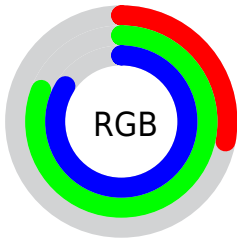
Format	Color
<a href="#">RYB</a>	<a href="#">71, 140, 213</a>
Decimal	<a href="#">4706005</a>
CIELab	<a href="#">76.24, -33.58, -14.16</a>
CIELCh	<a href="#">76, 36.444, 202.871</a>
Yxy	<a href="#">50.2863, 0.2326, 0.3189</a>
Android (android.graphics.Color)	<a href="#">4282896085 (0xFF47CED5)</a>
YUV	<a href="#">166.4330, 22.9575, -83.6947</a>
Hunter-Lab	<a href="#">70.9128, -31.7673, -9.4929</a>




# Details

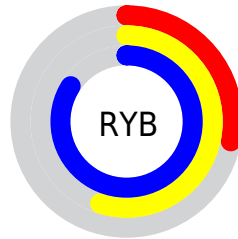
The Hex color **47CED5** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **D54E47**, and the grayscale version is **A6A6A6**.




A 20% lighter version of the original color is **89FFFF**, and **00979E** is the 20% darker color. If you saturate the color by 10%, you get **32CDD5**, and if you desaturate by 10%, it is **5CCFD5**.

# Distribution







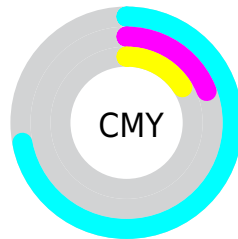
-  Red (28%)
-  Green (81%)
-  Blue (84%)






-  Red (28%)
-  Yellow (55%)
-  Blue (84%)



-  Cyan (67%)
-  Magenta (3%)
-  Yellow (0%)
-  Black (16%)



-  Cyan (72%)
-  Magenta (19%)
-  Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 47CED5 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 47CED5 by changing the saturation by 10% instead.



 47CED5

 47CED5

FFFFFF

 18B2B9

 89FFFF

 00979E

 A7FFFF

 007D84

 C6FFFF

 00636B

 E4FFFF

 004B53

 00333C

 001F26

 000111

 000000

 47CED5

 47CED5

 32CDD5

 5CCFD5

 1CCCD5

 72D0D5

 07CBD5

 87D1D5

 00CAD5

 9CD2D5

 B2D3D5

 C7D4D5

 DCD5D5

 F1D6D5

 FFD7D5

# Harmonies

## Analogous

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



69CEB3



47CED5



50CAF1

# Triad

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



47CED5



DFAAE5



DAB779

# Complementary

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



47CED5



D54E47

# 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.



F3AC88



47CED5



F8A3C5

# Square

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



47CED5



B5B6FA



FFA4A4



B8C27D

# Rectangle

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



47CED5



6FC5FC



FFA4A4



E4B37C



# Sweetspot

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



47CED5



CCFCFF



47D54C



617E80



000000



808080



# Same Dimension

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



47CED5



33F5FF



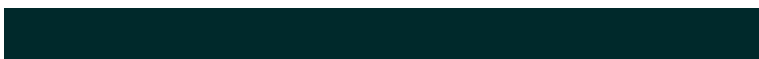
4789D5



606B6B



00A2AB



00292B



# Inverse Universe

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



D547CE



FF33F5



D59347



6B606B



AB00A2

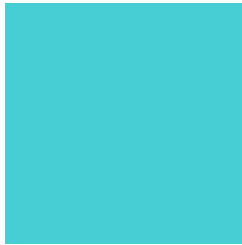


2B0029



# Previews

## White Background



This preview shows how the Hex color 47CED5 looks on a white background.

## Color Contrast Check

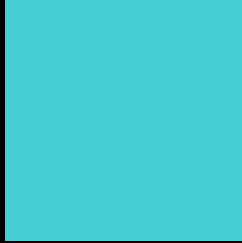
Large Text (above 18pt) WCAG AA × Fail

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 47CED5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

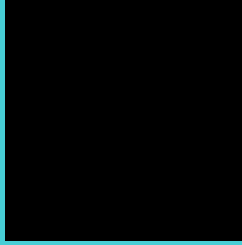
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 47CED5 Background



This preview shows how black text looks on a background with the Hex color 47CED5.

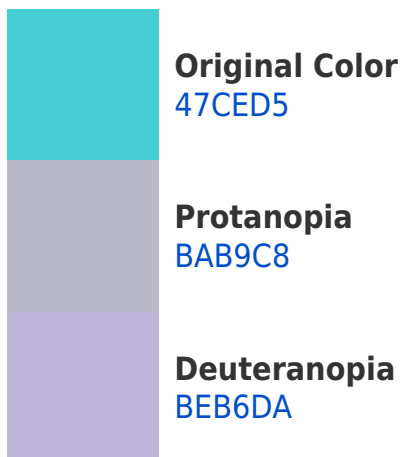


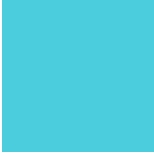
This preview shows how white text looks on a background with the Hex color 47CED5.

# 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**  
4BCDDD

# Trichromacy



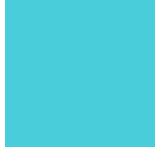
**Original Color**  
47CED5



**Protanomaly**  
90C1CD



**Deuteranomaly**  
93BFD8

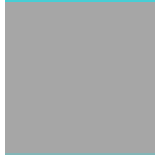


**Tritanomaly**  
4ACDDA

# Monochromacy



**Original Color**  
47CED5



**Achromatopsia**  
A6A6A6



**Achromatomaly**  
83B5B7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 47CED5 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 #47CED5 looks like.

```
.text, #text, p{  
    color:#47CED5  
}
```

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 #47CED5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47CED5
}
```

## Border

The CSS property to change the border of an element to Hex 47CED5 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
#47CED5 }
```

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

```
.border{ border-color:#47CED5 }
```

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

Here you see how a box with a 4 pixel #47CED5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47CED5; -webkit-box-shadow:4px 4px  
4px 4px #47CED5; box-shadow:4px 4px 4px  
4px #47CED5 }
```

# Background

The CSS property to change the background color of an element to Hex 47CED5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47CED5 }
```

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

```
.background{ background-color:#47CED5 }
```

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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