

Converting Colors

Hex(47CBEE)

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

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Color

Hex(47CBEE)

Conversions

Conversions Part 1

Format	Color
Hex	47CBEE
RGB	71, 203, 238
RGB Percent	28%, 80%, 93%
CMY	0.7216, 0.2039, 0.0667
CMYK	0.70, 0.15, 0.00, 0.07
HSL	193°, 83%, 61%
HSV	193°, 70%, 93%
XYZ	39.3871, 50.2245, 88.5073
YIQ	167.5220, -89.9070, -17.0990

Conversions

Conversions Part 2

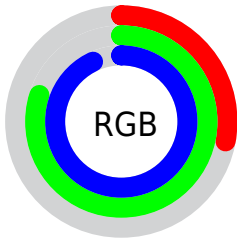
Format	Color
R _Y B	71, 145, 238
Decimal	4705262
CIE Lab	76.21, -24.67, -27.68
CIE LCh	76, 37.077, 228.284
Yxy	50.2245, 0.2211, 0.2820
Android (android.graphics.Color)	4282895342 (0xFF47CBEE)
YUV	167.5220, 34.7457, -84.6498
Hunter-Lab	70.8693, -24.8160, -24.4377

Details

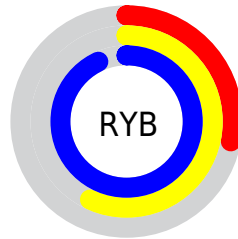
The Hex color **47CBEE** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **EE6A47**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **8BFFFF**, and **0095B6** is the 20% darker color. If you saturate the color by 10%, you get **2FC6EE**, and if you desaturate by 10%, it is **5FD0EE**.

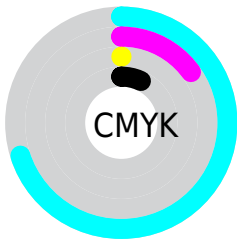
Distribution



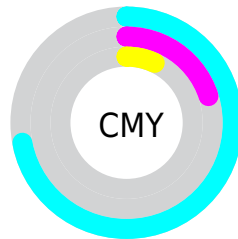
- Red (28%)
- Green (80%)
- Blue (93%)



- Red (28%)
- Yellow (57%)
- Blue (93%)



- Cyan (70%)
- Magenta (15%)
- Yellow (0%)
- Black (7%)



- Cyan (72%)
- Magenta (20%)
- Yellow (7%)

Brightness & Saturation Gradients


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

 47CBEE

 47CBEE

FFFFFF

 11AFD2

 8BFFFF

 0095B6

 AAFFFF

 007B9B

 C9FFFF

 006281

 E8FFFF

 004968

 00324F

 001F38

 000223

 000009

■ 47CBEE

■ 47CBEE

■ 2FC6EE

■ 5FD0EE

■ 17C1EE

■ 77D5EE

■ 00BCEE

■ 8EDAEE

■ A6DFEE

■ BEE4EE

■ D6E9EE

■ EEEEEEE

■ FFF3EE

■ FFF8EE

Harmonies

Analogous

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



47CED0



47CBEE



77C3FE

Triad

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



47CBEE



F6A3CB



BEC07A

Complementary

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



47CBEE



EE6A47

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.



DFB579



47CBEE



FFA2A8

Square

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



47CBEE



DAACEA



F7AA8A



97C98D

Rectangle

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



47CBEE



9BBCFF



F7AA8A



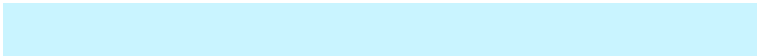
CABD78

Sweetspot

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



47CBEE



C9F4FF



47EE68



607980



000000



808080

Same Dimension

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



47CBEE



29D2FF



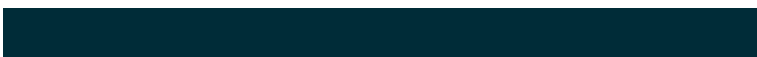
4779EE



6C7578



0091B8



002C38

Inverse Universe

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



EE47CB



FF29D2



EEBC47



786C75



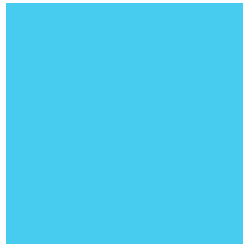
B80091



38002C

Previews

White Background



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

Color Contrast Check

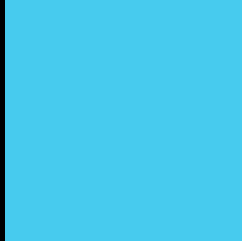
Large Text (above 18pt) WCAG AA × Fail

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 47CBEE 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 47CBEE Background



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

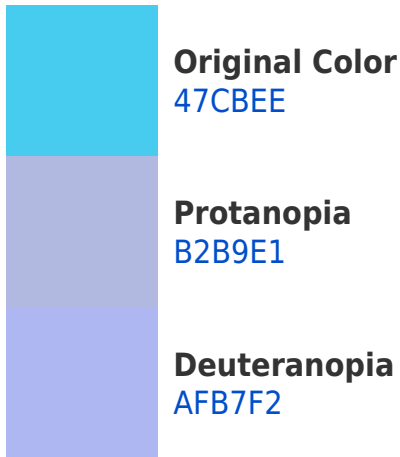


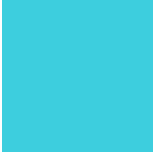
This preview shows how white text looks on a background with the Hex color 47CBEE.

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 47CBEE 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 #47CBEE looks like.

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

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 #47CBEE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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