

Converting Colors

Hex(47CBE3)

Have a look what the booklet for
Hex(47CBE3) contains.

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Color

Hex(47CBE3)

Conversions

Conversions Part 1

Format	Color
Hex	47CBE3
RGB	71, 203, 227
RGB Percent	28%, 80%, 89%
CMY	0.7216, 0.2039, 0.1098
CMYK	0.69, 0.11, 0.00, 0.11
HSL	189°, 74%, 58%
HSV	189°, 69%, 89%
XYZ	37.8196, 49.5975, 80.2530
YIQ	166.2680, -86.3760, -20.5200

Conversions

Conversions Part 2

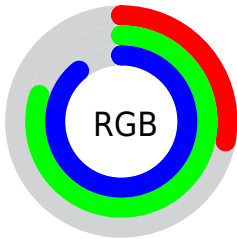
Format	Color
R _{YB}	71, 143, 227
Decimal	4705251
CIE Lab	75.82, -28.02, -22.35
CIE LCh	76, 35.844, 218.571
Yxy	49.5975, 0.2256, 0.2958
Android (android.graphics.Color)	4282895331 (0xFF47CBE3)
YUV	166.2680, 29.9409, -83.5500
Hunter-Lab	70.4255, -27.3873, -18.2658

Details

The Hex color **47CBE3** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **E35F47**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **8AFFFF**, and **0095AC** is the 20% darker color. If you saturate the color by 10%, you get **30C8E3**, and if you desaturate by 10%, it is **5ECEEE3**.

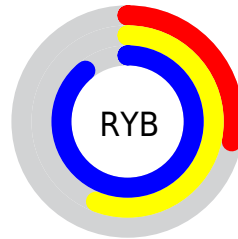
Distribution



Red (28%)

Green (80%)

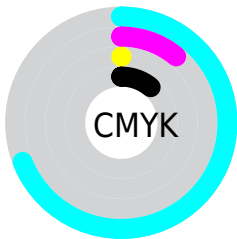
Blue (89%)



Red (28%)

Yellow (56%)

Blue (89%)

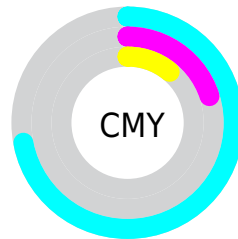


Cyan (69%)

Magenta (11%)

Yellow (0%)

Black (11%)



Cyan (72%)

Magenta (20%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47CBE3 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 47CBE3 by changing the saturation by 10% instead.

 47CBE3

 47CBE3

FFFFFF

 15AFC7

 8AFFFF

 0095AC

 A9FFFF

 007A91

 C7FFFF


 006177

 E6FFFF

 00495E

 003247

 001E30

 00011B

 000000

■ 47CBE3

■ 47CBE3

■ 30C8E3

■ 5ECEE3

■ 1AC4E3

■ 74D2E3

■ 03C1E3

■ 8BD5E3

■ 00C0E3

■ A2D9E3

■ B9DCE3

■ CFE0E3

■ E6E3E3

■ FDE7E3

■ FFEAE3

Harmonies

Analogous

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



56CDC4



47CBE3



69C5F8

Triad

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



47CBE3



EDA5D4



C8BC79

Complementary

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



47CBE3



E35F47

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.



E6B17E



47CBE3



FCA2B2

Square

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



47CBE3



CBAFEF



F8A693



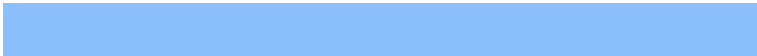
A4C586

Rectangle

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



47CBE3



8BBFFC



F8A693



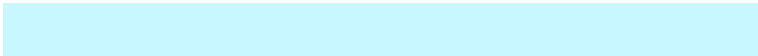
D3B879

Sweetspot

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



47CBE3



C9F7FF



47E35E



607B80



000000



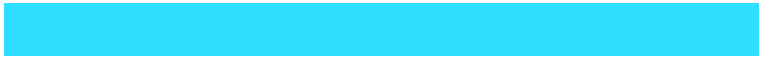
808080

Same Dimension

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



47CBE3



2EDFFF



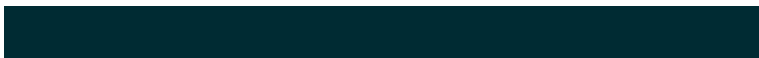
477EE3



677173



0097B3



002B33

Inverse Universe

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



E347CB



FF2EDF



E3AC47



736771



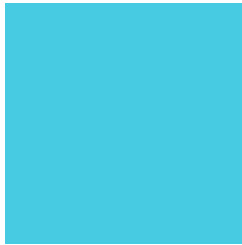
B30097



33002B

Previews

White Background



This preview shows how the Hex color 47CBE3 looks on a white background.

Color Contrast Check

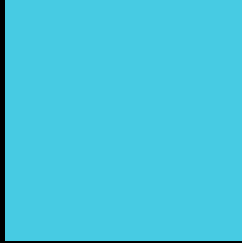
Large Text (above 18pt) WCAG AA × Fail

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 47CBE3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

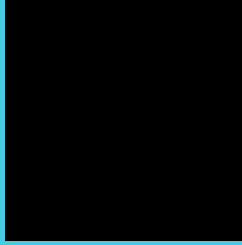
Any Text WCAG AA ✓ Pass

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 47CBE3 Background



This preview shows how black text looks on a background with the Hex color 47CBE3.

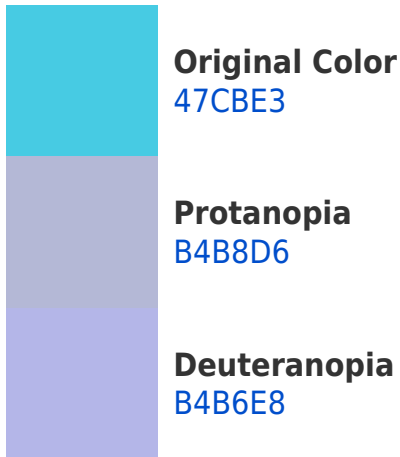


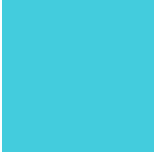
This preview shows how white text looks on a background with the Hex color 47CBE3.

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
43CCDD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 47CBE3 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 #47CBE3 looks like.

```
.text, #text, p{  
    color:#47CBE3  
}
```

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 #47CBE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47CBE3
}
```

Border

The CSS property to change the border of an element to Hex 47CBE3 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
#47CBE3 }
```

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

```
.border{ border-color:#47CBE3 }
```

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

Here you see how a box with a 4 pixel #47CBE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47CBE3; -webkit-box-shadow:4px 4px  
4px 4px #47CBE3; box-shadow:4px 4px 4px  
4px #47CBE3 }
```

Background

The CSS property to change the background color of an element to Hex 47CBE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47CBE3 }
```

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

```
.background{ background-color:#47CBE3 }
```

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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