

Converting Colors

Hex(47B4E3)

Have a look what the booklet for
Hex(47B4E3) contains.

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Color

Hex(47B4E3)

Conversions

Conversions Part 1

Format	Color
Hex	47B4E3
RGB	71, 180, 227
RGB Percent	28%, 71%, 89%
CMY	0.7216, 0.2941, 0.1098
CMYK	0.69, 0.21, 0.00, 0.11
HSL	198°, 74%, 58%
HSV	198°, 69%, 89%
XYZ	32.7849, 39.5282, 78.5748
YIQ	152.7670, -80.0510, -8.4910

Conversions

Conversions Part 2

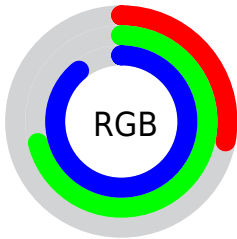
Format	Color
RYB	71, 135, 227
Decimal	4699363
CIELab	69.13, -16.29, -32.61
CIELCh	69, 36.456, 243.455
Yxy	39.5282, 0.2173, 0.2620
Android (android.graphics.Color)	4282889443 (0xFF47B4E3)
YUV	152.7670, 36.5969, -71.7097
Hunter-Lab	62.8714, -16.9444, -30.0888

Details

The Hex color **47B4E3** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **E37647**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **88ECFF**, and **007FAB** is the 20% darker color. If you saturate the color by 10%, you get **30ADE3**, and if you desaturate by 10%, it is **5EBBE3**.

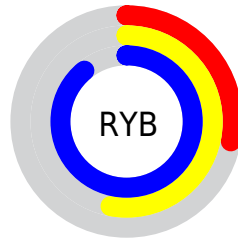
Distribution



Red (28%)

Green (71%)

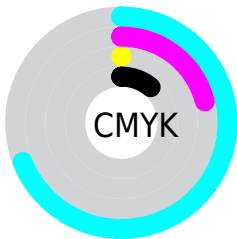
Blue (89%)



Red (28%)

Yellow (53%)

Blue (89%)

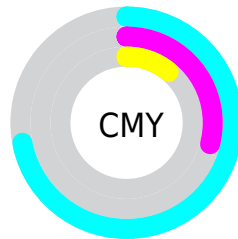


Cyan (69%)

Magenta (21%)

Yellow (0%)

Black (11%)



Cyan (72%)

Magenta (29%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47B4E3 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 47B4E3 by changing the saturation by 10% instead.

■ 47B4E3

■ 47B4E3

FFFFFF

■ 1999C7

■ 88ECFF

■ 007FAB

■ A6FFFF

■ 006691

■ C5FFFF

■ 004E77

■ E3FFFF

■ 00375E

■ 002246

■ 000430

■ 00011A

■ 000000

■ 47B4E3

■ 47B4E3

■ 30ADE3

■ 5EBBE3

■ 1AA6E3

■ 74C2E3

■ 039FE3

■ 8BC9E3

■ 009FE3

■ A2CFE3

■ B9D6E3

■ CFDDE3

■ E6E4E3

■ FDEBE3

■ FFF2E3

Harmonies

Analogous

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



22B9CC



47B4E3



80ABEA

Triad

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



47B4E3



E88FA6



98B271

Complementary

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



47B4E3



E37647

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.



BBA866



47B4E3



E79386

Square

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



47B4E3



D694C7



D79D6E



70B88A

Rectangle

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



47B4E3



A2A3E5



D79D6E



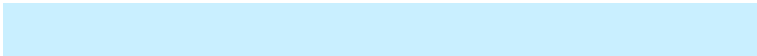
A4AF6B

Sweetspot

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



47B4E3



C9EFFF



47E376



607680



000000



808080

Same Dimension

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



47B4E3



2EC0FF



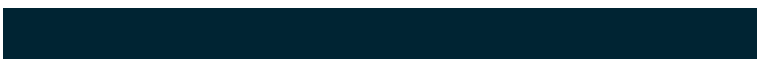
4766E3



676F73



007DB3



002433

Inverse Universe

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



E347B4



FF2EC0



E3C447



73676F



B3007D



330024

Previews

White Background



This preview shows how the Hex color 47B4E3 looks on a white background.

Color Contrast Check

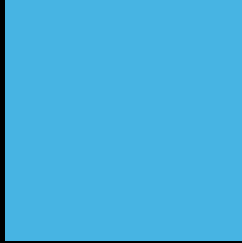
Large Text (above 18pt) WCAG AA × Fail

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 47B4E3 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

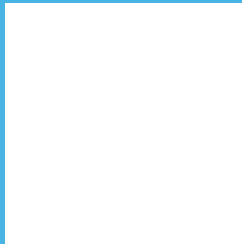
Any Text WCAG AAA ✓ Pass

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

Hex 47B4E3 Background



This preview shows how black text looks on a background with the Hex color 47B4E3.

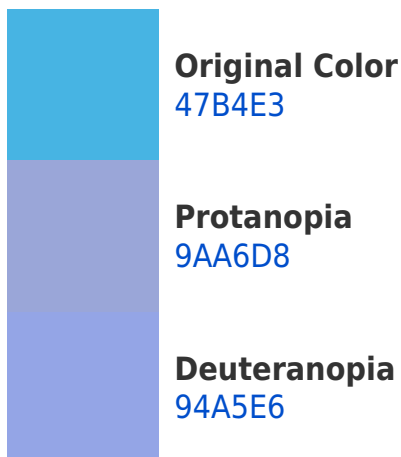


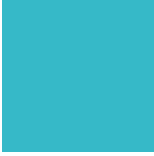
This preview shows how white text looks on a background with the Hex color 47B4E3.

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](#).

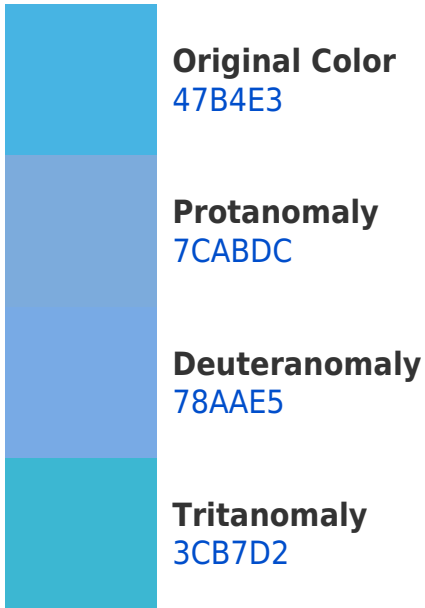
Dichromacy



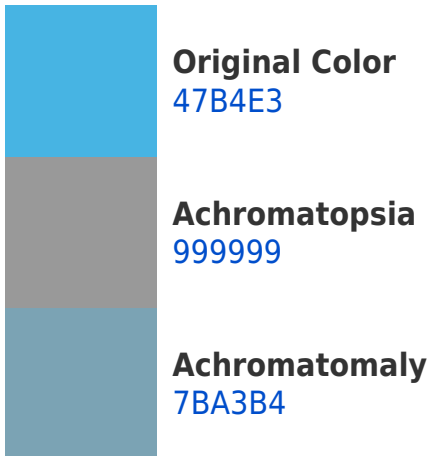


Tritanopia
36B9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 47B4E3 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 #47B4E3 looks like.

```
.text, #text, p{  
    color:#47B4E3  
}
```

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 #47B4E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47B4E3
}
```

Border

The CSS property to change the border of an element to Hex 47B4E3 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
#47B4E3 }
```

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

```
.border{ border-color:#47B4E3 }
```

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

Here you see how a box with a 4 pixel #47B4E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47B4E3; -webkit-box-shadow:4px 4px  
4px 4px #47B4E3; box-shadow:4px 4px 4px  
4px #47B4E3 }
```

Background

The CSS property to change the background color of an element to Hex 47B4E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47B4E3 }
```

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

```
.background{ background-color:#47B4E3 }
```

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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