

# Converting Colors

Hex(47BAEB)

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

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# **Color**

**Hex(47BAEB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	47BAEB
RGB	71, 186, 235
RGB Percent	28%, 73%, 92%
CMY	0.7216, 0.2706, 0.0784
CMYK	0.70, 0.21, 0.00, 0.08
HSL	198°, 80%, 60%
HSV	198°, 70%, 92%
XYZ	35.1528, 42.4556, 84.9393
YIQ	157.2010, -84.2690, -9.1410

# Conversions

## Conversions Part 2

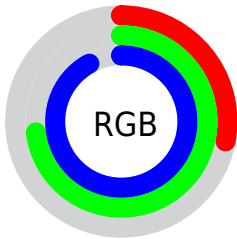
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">71, 139, 235</a>
Decimal	<a href="#">4700907</a>
CIELab	<a href="#">71.18, -16.89, -33.79</a>
CIElCh	<a href="#">71, 37.779, 243.445</a>
Yxy	<a href="#">42.4556, 0.2163, 0.2612</a>
Android (android.graphics.Color)	<a href="#">4282890987 (0xFF47BAEB)</a>
YUV	<a href="#">157.2010, 38.3549, -75.5983</a>
Hunter-Lab	<a href="#">65.1579, -17.7253, -31.6793</a>

# Details

The Hex color **47BAEB** 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 **EB7847**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **89F2FF**, and **0085B3** is the 20% darker color. If you saturate the color by 10%, you get **30B3EB**, and if you desaturate by 10%, it is **5EC1EB**.

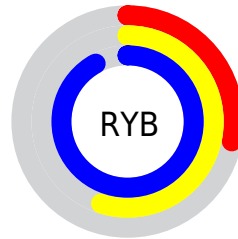
# Distribution



Red (28%)

Green (73%)

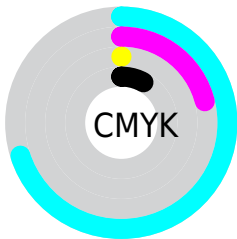
Blue (92%)



Red (28%)

Yellow (55%)

Blue (92%)

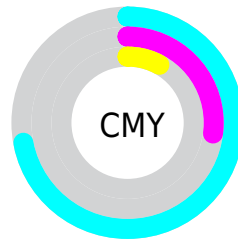


Cyan (70%)

Magenta (21%)

Yellow (0%)

Black (8%)



Cyan (72%)

Magenta (27%)

Yellow (8%)

# Brightness & Saturation Gradients

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



 47BAEB

 47BAEB

FFFFFF

 169FCF

 89F2FF

 0085B3

 A8FFFF

 006C98

 C7FFFF

 00537E

 E5FFFF

 003C65

 00264D

 000D36

 000220

 000003

 47BAEB

 47BAEB

 30B3EB

 5EC1EB

 18ACEB

 76C8EB

 00A5EB

 8DCFEB

 A5D6EB

 BCDDEB

 D4E4EB

 ECEBEB

 FFF2EB

 FFF9EB

# Harmonies

## Analogous

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



1EC0D3



47BAEB



83B0F3

# Triad

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



47BAEB



F093AC



9DB774

# Complementary

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



47BAEB



EB7847

# 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.



C1AD69



47BAEB



EF978A

# Square

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



47BAEB



DD99CE



DEA271



73BE8E

# Rectangle

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



47BAEB



A7A8ED



DEA271



A9B46E

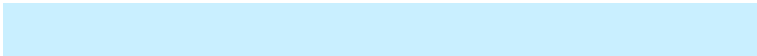


# Sweetspot

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



47BAEB



C9EFFF



47EB75



607680



000000



808080



# Same Dimension

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



47BAEB



29BFFF



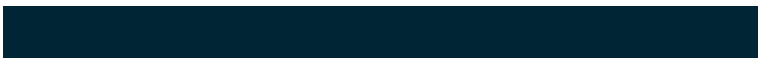
476BEB



6A7275



007FB5



002636



# Inverse Universe

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



EB47BA



FF29BF



EBC747



756A72



B5007F

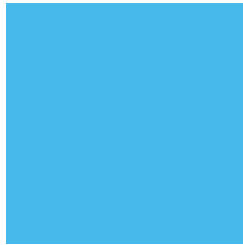


360026



# Previews

## White Background



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

## Color Contrast Check

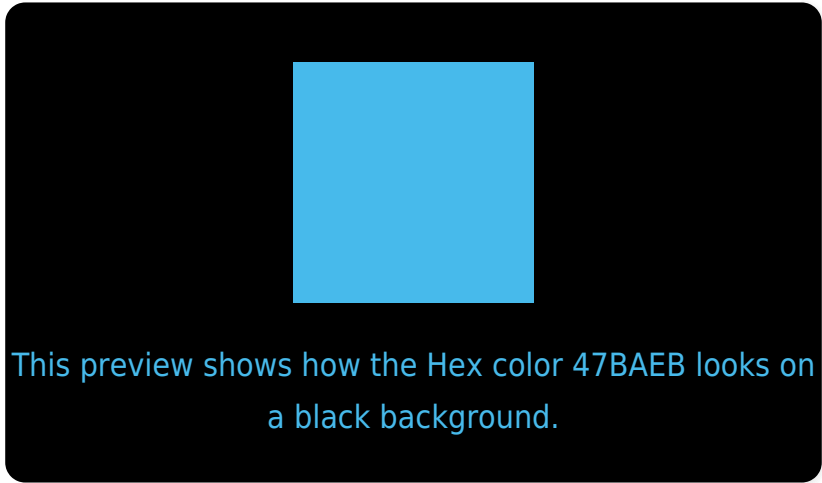
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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

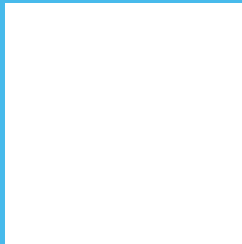
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 47BAEB Background



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



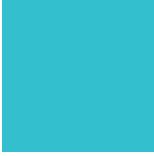
This preview shows how white text looks on a background with the Hex color 47BAEB.

# 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](#).

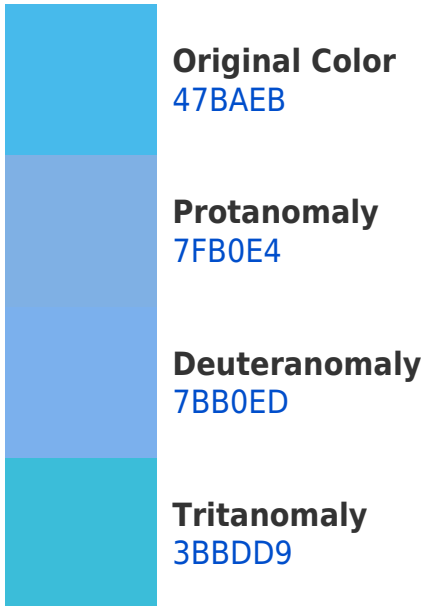
## Dichromacy



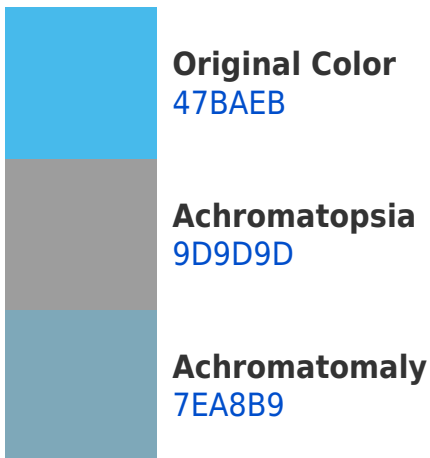


**Tritanopia**  
34BFCF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #47BAEB colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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