

Converting Colors

Hex(4BAEBF)

Have a look what the booklet for
Hex(4BAEBF) contains.

Hex(4BAEBF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4BAEBF)

Conversions

Conversions Part 1

Format	Color
Hex	4BAEBF
RGB	75, 174, 191
RGB Percent	29%, 68%, 75%
CMY	0.7059, 0.3176, 0.2510
CMYK	0.61, 0.09, 0.00, 0.25
HSL	189°, 48%, 52%
HSV	189°, 61%, 75%
XYZ	27.4417, 35.5295, 54.7018
YIQ	146.3370, -64.4610, -15.7010

Conversions

Conversions Part 2

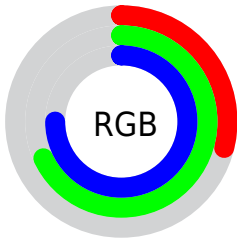
Format	Color
RYB	75, 128, 191
Decimal	4959935
CIELab	66.16, -23.67, -17.34
CIELCh	66, 29.339, 216.228
Yxy	35.5295, 0.2332, 0.3019
Android (android.graphics.Color)	4283150015 (0xFF4BAEBF)
YUV	146.3370, 22.0189, -62.5625
Hunter-Lab	59.6067, -22.1340, -12.6865

Details

The Hex color **4BAEBF** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **BF5C4B**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **87E6F7**, and **00798A** is the 20% darker color. If you saturate the color by 10%, you get **38ABBF**, and if you desaturate by 10%, it is **5EB1BF**.

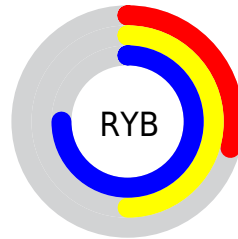
Distribution



Red (29%)

Green (68%)

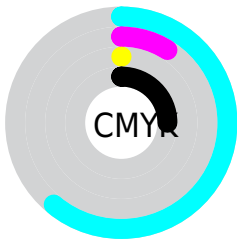
Blue (75%)



Red (29%)

Yellow (50%)

Blue (75%)

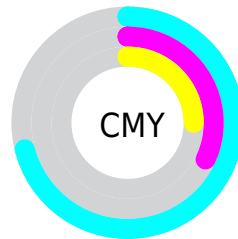


Cyan (61%)

Magenta (9%)

Yellow (0%)

Black (25%)



Cyan (71%)

Magenta (32%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4BAEBF 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 4BAEBF by changing the saturation by 10% instead.



4BAEBF



4BAEBF

FFFFFF



2893A4



87E6F7



00798A



A4FFFF



006070



C1FFFF



004858



DFFFFF



003140



FDFFFF



001E2A



000116



000000



4BAEBF



4BAEBF

38ABBF

5EB1BF

25A8BF

71B4BF

12A6BF

84B6BF

00A3BF

97B9BF

ABBCBF

BEBFBF

D1C2BF

E4C4BF

F7C7BF

Harmonies

Analogous

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



56AFA6



4BAEBF



60A9D0

Triad

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



4BAEBF



C790B7



AEA16C

Complementary

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



4BAEBF



BF5C4B

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.



C59871



4BAEBF



D48D9C

Square

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



4BAEBF



AC98CB



D39083



91A976

Rectangle

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



4BAEBF



79A4D5



D39083



B69E6C

Sweetspot

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



4BAEBF



CBF1F7



4BBF5A



61797D



FCFCFC



7D7D7D

Same Dimension

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



4BAEBF



43DDF7



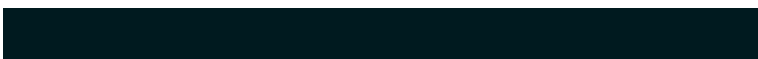
4B76BF



555D5E



00879E



001A1F

Inverse Universe

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



BF4BAE



F743DD



BF944B



5E555D



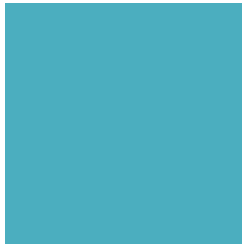
9E0087



1F001A

Previews

White Background



This preview shows how the Hex color 4BAEBF looks on a white background.

Color Contrast Check

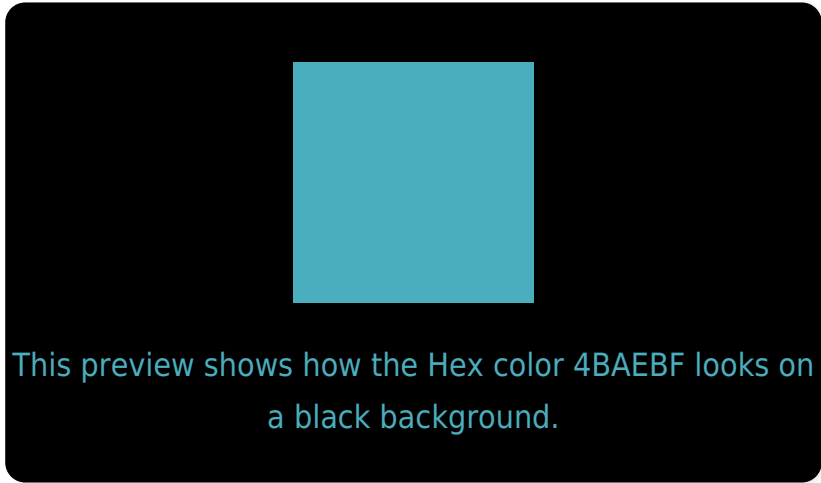
Large Text (above 18pt) WCAG AA × Fail

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

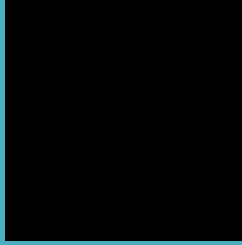
Any Text WCAG AA ✓ Pass

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 4BAEBF Background



This preview shows how black text looks on a background with the Hex color 4BAEBF.



This preview shows how white text looks on a background with the Hex color 4BAEBF.

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
4AAEBD

Trichromacy



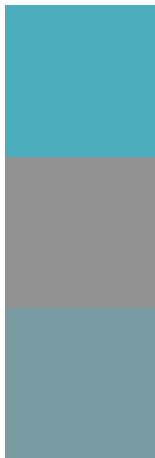
Original Color
4BAEBF

Protanomaly
7FA4B9

Deuteranomaly
80A3C2

Tritanomaly
4AAEBE

Monochromacy



Original Color
4BAEBF

Achromatopsia
929292

Achromatomaly
789CA2

CSS Examples

Text

The CSS property to change the color of the text to Hex 4BAEBF 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 #4BAEBF looks like.

```
.text, #text, p{  
    color:#4BAEBF  
}
```

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 #4BAEBF colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 4BAEBF 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
#4BAEBF }
```

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

```
.border{ border-color:#4BAEBF }
```

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

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

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

Background

The CSS property to change the background color of an element to Hex 4BAEBF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BAEBF }
```

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

```
.background{ background-color:#4BAEBF }
```

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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