

# Converting Colors

Hex(4BAEB2)

Have a look what the booklet for  
Hex(4BAEB2) contains.

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# Color

**Hex(4BAEB2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4BAEB2
RGB	75, 174, 178
RGB Percent	29%, 68%, 70%
CMY	0.7059, 0.3176, 0.3020
CMYK	0.58, 0.02, 0.00, 0.30
HSL	182°, 41%, 50%
HSV	182°, 58%, 70%
XYZ	26.0736, 34.9823, 47.4975
YIQ	144.8550, -60.2880, -19.7440

# Conversions

## Conversions Part 2

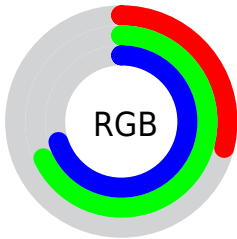
Format	Color
<a href="#">RYB</a>	<a href="#">75, 125, 178</a>
Decimal	<a href="#">4959922</a>
CIELab	<a href="#">65.73, -27.42, -10.76</a>
CIELCh	<a href="#">66, 29.460, 201.422</a>
Yxy	<a href="#">34.9823, 0.2402, 0.3223</a>
Android (android.graphics.Color)	<a href="#">4283150002 (0xFF4BAEB2)</a>
YUV	<a href="#">144.8550, 16.3405, -61.2628</a>
Hunter-Lab	<a href="#">59.1458, -24.8161, -6.2112</a>

# Details

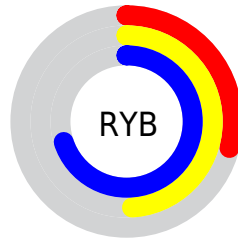
The Hex color **4BAEB2** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B24F4B**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **86E6EA**, and **00797D** is the 20% darker color. If you saturate the color by 10%, you get **39ADB2**, and if you desaturate by 10%, it is **5DAFB2**.

# Distribution



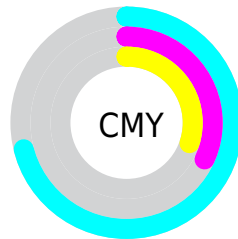
- Red (29%)
- Green (68%)
- Blue (70%)



- Red (29%)
- Yellow (49%)
- Blue (70%)



- Cyan (58%)
- Magenta (2%)
- Yellow (0%)
- Black (30%)



- Cyan (71%)
- Magenta (32%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4BAEB2 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 4BAEB2 by changing the saturation by 10% instead.



 4BAEB2

 4BAEB2

FFFFFF

 2A9397

 86E6EA

 00797D

 A3FFFF

 006064

 C0FFFF

 00484D

 DDFFFF

 003136

 FBFFFF

 001D21

 000008

 000000

 4BAEB2

 4BAEB2

■ 39ADB2

■ 5DAFB2

■ 27ADB2

■ 6FAFB2

■ 16ACB2

■ 80B0B2

■ 04ABB2

■ 92B1B2

■ 00ABB2

■ A4B1B2

■ B6B2B2

■ C8B3B2

■ D9B4B2

■ EBB4B2

# Harmonies

## Analogous

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



62AE97



4BAEB2



50ABC8

# Triad

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



4BAEB2



BA92C1



B99B6C

# Complementary

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



4BAEB2



B24F4B

# 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.



CC9377



4BAEB2



CF8DA8

# Square

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



4BAEB2



999CD1



D48D8E



9FA46E

# Rectangle

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



4BAEB2



65A7D1



D48D8E



C1986E



# Sweetspot

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



4BAEB2



C1E7E8



4BB24E



5E7475



F5F5F5



757575



# Same Dimension

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



4BAEB2



48E2E8



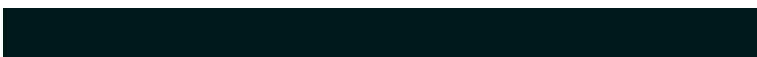
4B7BB2



505959



009399



00191A



# Inverse Universe

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



B24BAE



E848E2



B2824B



595059



990093



1A0019



# Previews

## White Background



This preview shows how the Hex color 4BAEB2 looks on a white background.

## Color Contrast Check

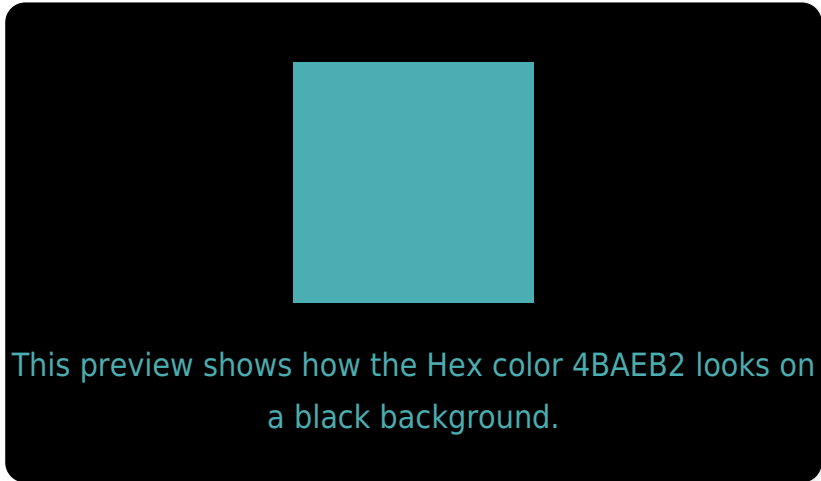
Large Text (above 18pt) WCAG AA × Fail

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

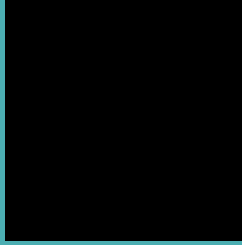
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

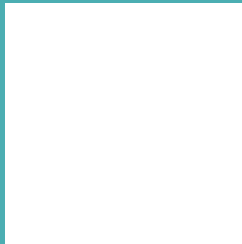
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4BAEB2 Background



This preview shows how black text looks on a background with the Hex color 4BAEB2.

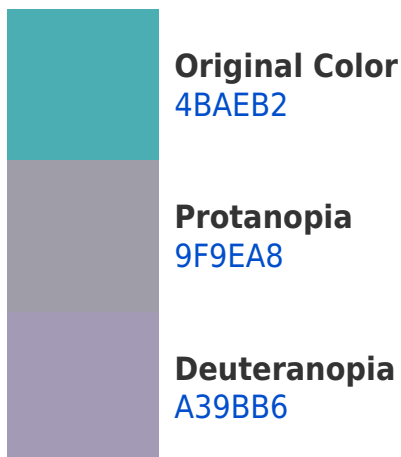


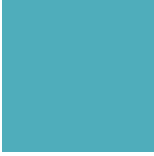
This preview shows how white text looks on a background with the Hex color 4BAEB2.

# Color Blindness Simulation

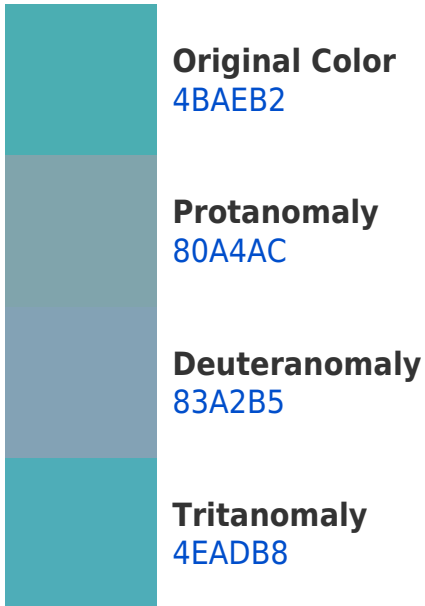
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

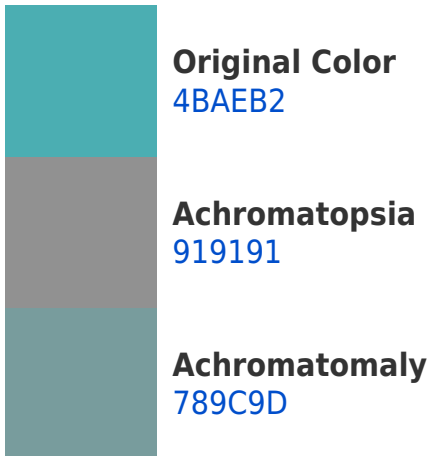




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4BAEB2 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 #4BAEB2 looks like.

```
.text, #text, p{  
    color:#4BAEB2  
}
```

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 #4BAEB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BAEB2
}
```

## Border

The CSS property to change the border of an element to Hex 4BAEB2 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
#4BAEB2 }
```

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

```
.border{ border-color:#4BAEB2 }
```

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

Here you see how a box with a 4 pixel #4BAEB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BAEB2; -webkit-box-shadow:4px 4px  
4px 4px #4BAEB2; box-shadow:4px 4px 4px  
4px #4BAEB2 }
```

# Background

The CSS property to change the background color of an element to Hex 4BAEB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BAEB2 }
```

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

```
.background{ background-color:#4BAEB2 }
```

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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