

# Converting Colors

Hex(4AB395)

Have a look what the booklet for  
Hex(4AB395) contains.

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**Color**

**Hex(4AB395)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4AB395
RGB	74, 179, 149
RGB Percent	29%, 70%, 58%
CMY	0.7098, 0.2980, 0.4157
CMYK	0.59, 0.00, 0.17, 0.30
HSL	163°, 42%, 50%
HSV	163°, 59%, 70%
XYZ	24.3690, 35.8660, 34.0722
YIQ	144.1850, -52.9500, -31.5900

# Conversions

## Conversions Part 2

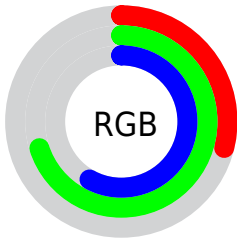
Format	Color
<a href="#">RYB</a>	<a href="#">74, 135, 179</a>
Decimal	<a href="#">4895637</a>
CIELab	<a href="#">66.42, -37.61, 6.32</a>
CIElCh	<a href="#">66, 38.133, 170.465</a>
Yxy	<a href="#">35.8660, 0.2584, 0.3803</a>
Android (android.graphics.Color)	<a href="#">4283085717 (0xFF4AB395)</a>
YUV	<a href="#">144.1850, 2.3738, -61.5522</a>
Hunter-Lab	<a href="#">59.8882, -32.1714, 8.1899</a>

# Details

The Hex color **4AB395** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B34A68**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **84EBCB**, and **007D62** is the 20% darker color. If you saturate the color by 10%, you get **38B390**, and if you desaturate by 10%, it is **5CB39A**.

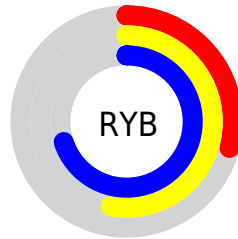
# Distribution



Red (29%)

Green (70%)

Blue (58%)



Red (29%)

Yellow (53%)

Blue (70%)

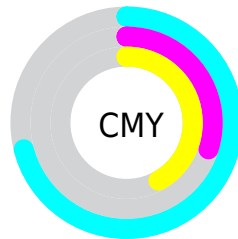


Cyan (59%)

Magenta (0%)

Yellow (17%)

Black (30%)



Cyan (71%)

Magenta (30%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4AB395 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 4AB395 by changing the saturation by 10% instead.





4AB395



4AB395

FFFFFF



2A987B



84EBCB



007D62



A0FFE7



00644B



BDFFFF



004B34



DBFFFF



00341F



F8FFFF



001F07



000000



4AB395



4AB395



38B390



5CB39A

 26B38B

 6EB39F

 14B386

 80B3A4

 02B381

 92B3A9

 00B380

 A4B3AF

 B5B3B4

 C7B3B9

 D9B3BE

 EBB3C3

# Harmonies

## Analogous

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



79AF75



4AB395



00B4B8

# Triad

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



4AB395



959DE2



DA906E

# Complementary

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



4AB395



B34A68

# 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.



E4888B



4AB395



C290CD

# Square

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



4AB395



5AA8E5



DD88AE



C19C5E

# Rectangle

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



4AB395



00B2CD



DD88AE



DF8C77



# Sweetspot

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



4AB395



BEE8DC



6AB34A



5B756E



F5F5F5



757575



# Same Dimension

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



4AB395



46E8BA



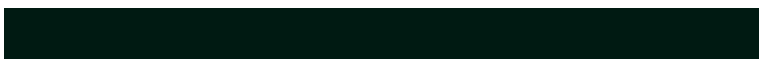
4A9EB3



505957



00996D



001A12



# Inverse Universe

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



B34A68



E84674



B35F4A



595053



99002C

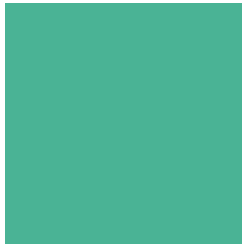


1A0007



# Previews

## White Background



This preview shows how the Hex color 4AB395 looks on a white background.

## Color Contrast Check

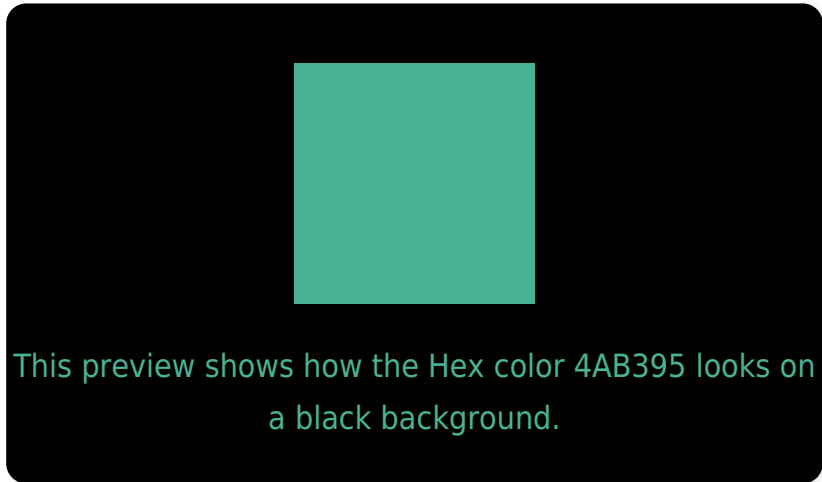
Large Text (above 18pt) WCAG AA × Fail

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

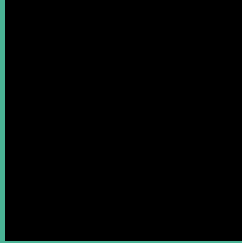
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4AB395 Background



This preview shows how black text looks on a background with the Hex color 4AB395.

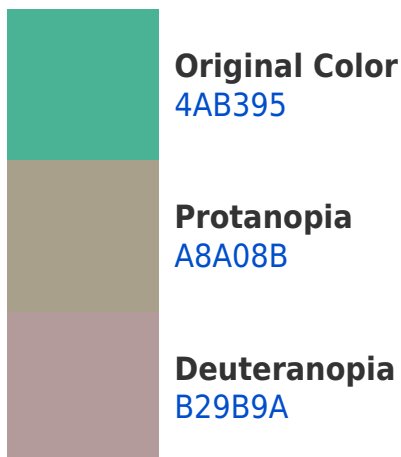


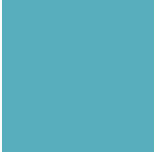
This preview shows how white text looks on a background with the Hex color 4AB395.

# 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**  
58AEBC

# Trichromacy



**Original Color**  
4AB395



**Protanomaly**  
86A78F



**Deuteranomaly**  
8CA498



**Tritanomaly**  
53B0AE

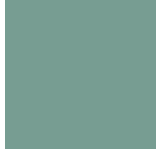
# Monochromacy



**Original Color**  
4AB395



**Achromatopsia**  
909090



**Achromatomaly**  
779D92

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4AB395 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 #4AB395 looks like.

```
.text, #text, p{  
    color:#4AB395  
}
```

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 #4AB395 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AB395  
}
```

## Border

The CSS property to change the border of an element to Hex 4AB395 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  
#4AB395 }
```

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

```
.border{ border-color:#4AB395 }
```

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

Here you see how a box with a 4 pixel #4AB395 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AB395; -webkit-box-shadow:4px 4px  
4px 4px #4AB395; box-shadow:4px 4px 4px  
4px #4AB395 }
```

# Background

The CSS property to change the background color of an element to Hex 4AB395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AB395 }
```

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

```
.background{ background-color:#4AB395 }
```

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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