

# Converting Colors

Hex(4AC385)

Have a look what the booklet for  
Hex(4AC385) contains.

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**Color**

**Hex(4AC385)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4AC385
RGB	74, 195, 133
RGB Percent	29%, 76%, 52%
CMY	0.7098, 0.2353, 0.4784
CMYK	0.62, 0.00, 0.32, 0.24
HSL	149°, 50%, 53%
HSV	149°, 62%, 76%
XYZ	26.5728, 42.1795, 28.9312
YIQ	151.7530, -52.2140, -44.9340

# Conversions

## Conversions Part 2

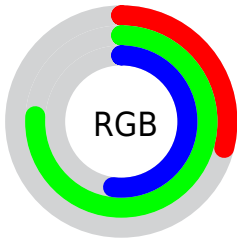
Format	Color
<a href="#">RYB</a>	<a href="#">74, 155, 195</a>
Decimal	<a href="#">4899717</a>
CIELab	<a href="#">70.99, -48.04, 21.41</a>
CIElCh	<a href="#">71, 52.592, 155.974</a>
Yxy	<a href="#">42.1795, 0.2720, 0.4318</a>
Android (android.graphics.Color)	<a href="#">4283089797 (0xFF4AC385)</a>
YUV	<a href="#">151.7530, -9.2452, -68.1894</a>
Hunter-Lab	<a href="#">64.9458, -40.6212, 19.0503</a>

# Details

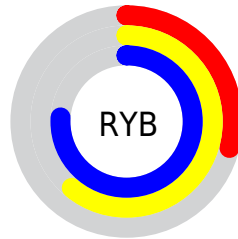
The Hex color **4AC385** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **C34A88**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **86FCBA**, and **008C53** is the 20% darker color. If you saturate the color by 10%, you get **37C37B**, and if you desaturate by 10%, it is **5EC38F**.

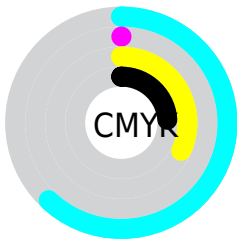
# Distribution



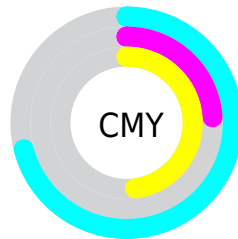
- Red (29%)
- Green (76%)
- Blue (52%)



- Red (29%)
- Yellow (61%)
- Blue (76%)



- Cyan (62%)
- Magenta (0%)
- Yellow (32%)
- Black (24%)



- Cyan (71%)
- Magenta (24%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4AC385 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 4AC385 by changing the saturation by 10% instead.





4AC385



4AC385

FFFFFF



27A76C



86FCBA



008C53



A3FFD6



00723B



C0FFF3



005825



DEFFFF



00400F



FCFFFF



002A00



000700



000000



4AC385



4AC385

 37C37B

 5EC38F

 23C371

 71C399

 10C367

 85C3A3

 00C35F

 98C3AD

 ACC3B7

 BFC3C1

 D3C3CB

 E6C3D5

 FAC3DF

# Harmonies

## Analogous

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



8EBB5D



4AC385



00C6B6

# Triad

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



4AC385



6BB0FF



FF8D78

# Complementary

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



4AC385



C34A88

# 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.



FF85A6



4AC385



BE9DFC

# Square

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



4AC385



00BDFE



F08CD6



E99D56

# Rectangle

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



4AC385



00C5D6



F08CD6



FF8886

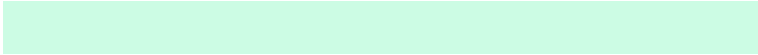


# Sweetspot

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



4AC385



CCFCE4



89C34A



628070



000000



808080



# Same Dimension

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



4AC385



42FC9D



4AC3C1



57615C



00A14E



002110



# Inverse Universe

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



C34A88



FC42A1



C34A4C



61575C



A10052



210011



# Previews

## White Background



This preview shows how the Hex color 4AC385 looks on a white background.

## Color Contrast Check

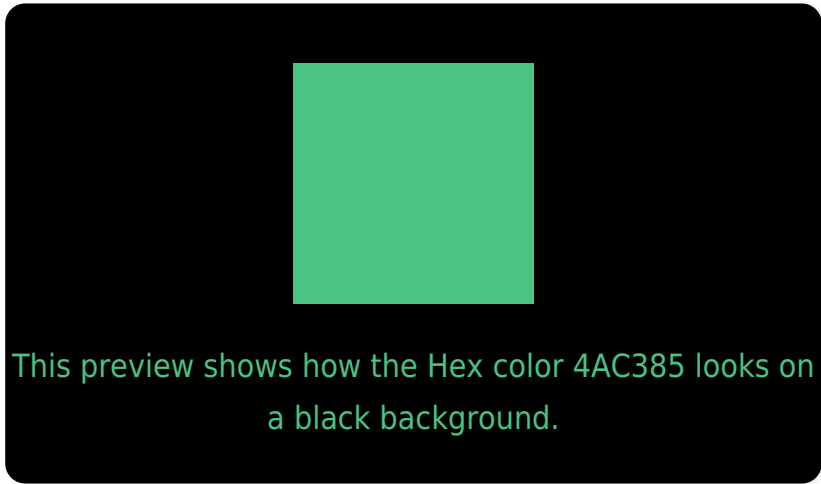
Large Text (above 18pt) WCAG AA × Fail

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 4AC385 Background



This preview shows how black text looks on a background with the Hex color 4AC385.



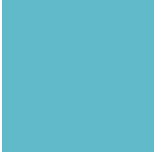
This preview shows how white text looks on a background with the Hex color 4AC385.

# 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](#).

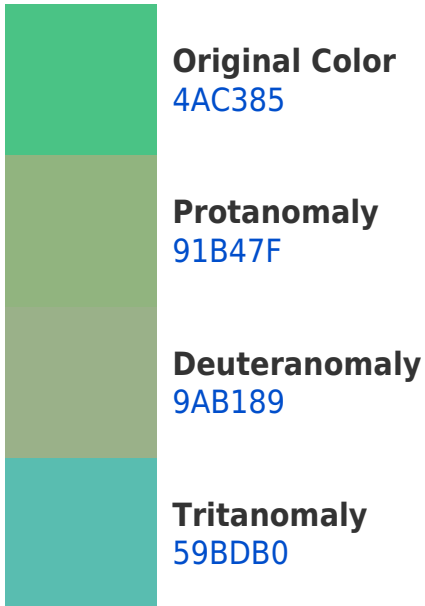
## Dichromacy



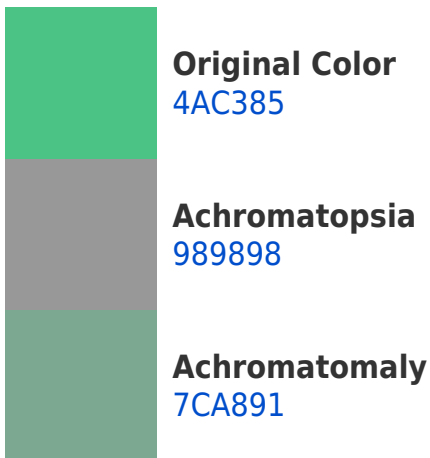


**Tritanopia**  
61BAC9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4AC385 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 #4AC385 looks like.

```
.text, #text, p{  
    color:#4AC385  
}
```

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 #4AC385 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AC385
}
```

## Border

The CSS property to change the border of an element to Hex 4AC385 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
#4AC385 }
```

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

```
.border{ border-color:#4AC385 }
```

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

Here you see how a box with a 4 pixel #4AC385 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AC385; -webkit-box-shadow:4px 4px  
4px 4px #4AC385; box-shadow:4px 4px 4px  
4px #4AC385 }
```

# Background

The CSS property to change the background color of an element to Hex 4AC385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AC385 }
```

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

```
.background{ background-color:#4AC385 }
```

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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