

Converting Colors

Hex(49A385)

Have a look what the booklet for
Hex(49A385) contains.

Hex(49A385)	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(49A385)

Conversions

Conversions Part 1

Format	Color
Hex	49A385
RGB	73, 163, 133
RGB Percent	29%, 64%, 52%
CMY	0.7137, 0.3608, 0.4784
CMYK	0.55, 0.00, 0.18, 0.36
HSL	160°, 38%, 46%
HSV	160°, 55%, 64%
XYZ	20.0785, 29.3043, 26.7884
YIQ	132.6700, -44.0100, -28.4100

Conversions

Conversions Part 2

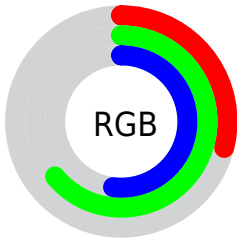
Format	Color
RYB	73, 127, 163
Decimal	4825989
CIELab	61.05, -34.33, 7.52
CIELCh	61, 35.140, 167.639
Yxy	29.3043, 0.2636, 0.3847
Android (android.graphics.Color)	4283016069 (0xFF49A385)
YUV	132.6700, 0.1627, -52.3306
Hunter-Lab	54.1335, -28.5266, 8.5533

Details

The Hex color **49A385** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A34967**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **81DABA**, and **006F54** is the 20% darker color. If you saturate the color by 10%, you get **39A380**, and if you desaturate by 10%, it is **59A38A**.

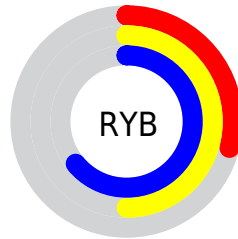
Distribution



Red (29%)

Green (64%)

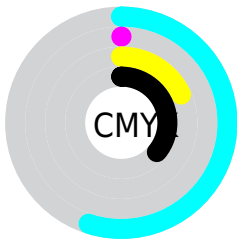
Blue (52%)



Red (29%)

Yellow (50%)

Blue (64%)

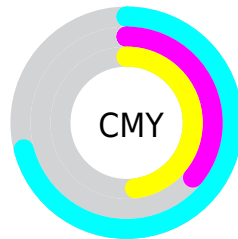


Cyan (55%)

Magenta (0%)

Yellow (18%)

Black (36%)



Cyan (71%)

Magenta (36%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49A385 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 49A385 by changing the saturation by 10% instead.



49A385



49A385

FFFFFF



2B886C



81DABA



006F54



9DF7D6



00563C



B9FFF2



003E27



D6FFFF



002812



F3FFFF



000700



000000



49A385



49A385



39A380




59A38A

 28A37A

 6AA390

 18A375

 7AA395

 08A36F

 8AA39B

 00A36D

 9BA3A0

 ABA3A6

 BBA3AB

 CBA3B0

 DCA3B6

Harmonies

Analogous

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



729F68



49A385



10A4A5

Triad

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



49A385



8490CE



C88267

Complementary

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



49A385



A34967

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.



D07C82



49A385



AE85BD

Square

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



49A385



4D9ACF



C77CA2



B38D57

Rectangle

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



49A385



00A2B8



C77CA2



CC7F6F

Sweetspot

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



49A385



B0D4C8



67A349



566B64



EBEBEB



6B6B6B

Same Dimension

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



49A385



48D4A5



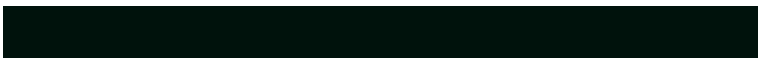
4994A3



49524F



009161



00120C

Inverse Universe

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



A34967



D44877



A35849



52494C



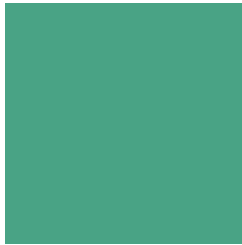
910030



120006

Previews

White Background



This preview shows how the Hex color 49A385 looks on a white background.

Color Contrast Check

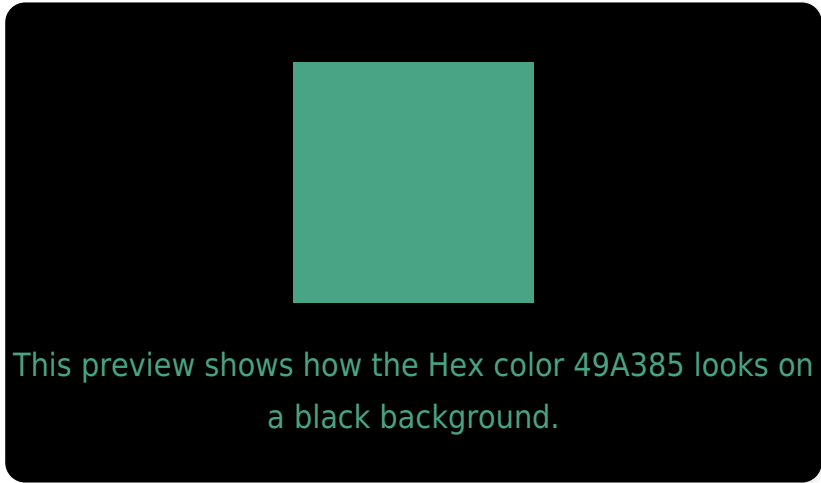
Large Text (above 18pt) WCAG AA ✓ Pass

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

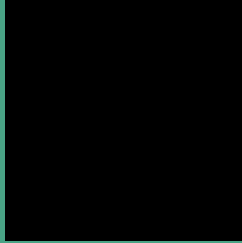
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 49A385 Background



This preview shows how black text looks on a background with the Hex color 49A385.

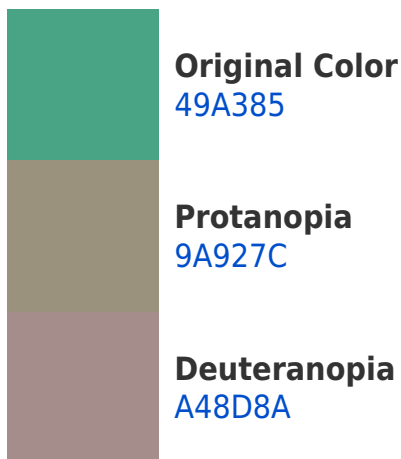


This preview shows how white text looks on a background with the Hex color 49A385.

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
559EAB

Trichromacy



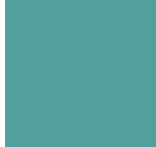
Original Color
49A385



Protanomaly
7D987F



Deuteranomaly
839588



Tritanomaly
51A09D

Monochromacy



Original Color
49A385



Achromatopsia
858585



Achromatomaly
6F9085

CSS Examples

Text

The CSS property to change the color of the text to Hex 49A385 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 #49A385 looks like.

```
.text, #text, p{  
    color:#49A385  
}
```

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 #49A385 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49A385
}
```

Border

The CSS property to change the border of an element to Hex 49A385 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
#49A385 }
```

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

```
.border{ border-color:#49A385 }
```

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

Here you see how a box with a 4 pixel #49A385 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49A385; -webkit-box-shadow:4px 4px  
4px 4px #49A385; box-shadow:4px 4px 4px  
4px #49A385 }
```

Background

The CSS property to change the background color of an element to Hex 49A385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49A385 }
```

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

```
.background{ background-color:#49A385 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor