

Converting Colors

Hex(49A391)

Have a look what the booklet for
Hex(49A391) contains.

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Color

Hex(49A391)

Conversions

Conversions Part 1

Format	Color
Hex	49A391
RGB	73, 163, 145
RGB Percent	29%, 64%, 57%
CMY	0.7137, 0.3608, 0.4314
CMYK	0.55, 0.00, 0.11, 0.36
HSL	168°, 38%, 46%
HSV	168°, 55%, 64%
XYZ	20.9557, 29.6552, 31.4076
YIQ	134.0380, -47.8620, -24.6780

Conversions

Conversions Part 2

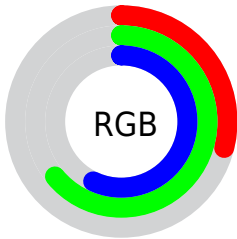
Format	Color
RYB	73, 123, 163
Decimal	4826001
CIELab	61.36, -31.37, 1.23
CIElCh	61, 31.395, 177.763
Yxy	29.6552, 0.2555, 0.3616
Android (android.graphics.Color)	4283016081 (0xFF49A391)
YUV	134.0380, 5.4043, -53.5303
Hunter-Lab	54.4566, -26.6096, 3.9243

Details

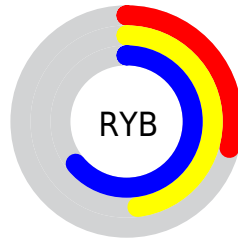
The Hex color **49A391** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A3495B**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **81DAC7**, and **006F5F** is the 20% darker color. If you saturate the color by 10%, you get **39A38E**, and if you desaturate by 10%, it is **59A394**.

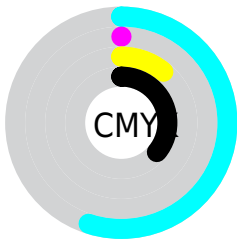
Distribution



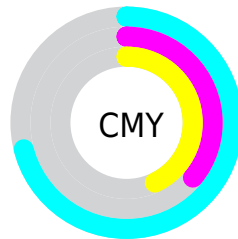
- Red (29%)
- Green (64%)
- Blue (57%)



- Red (29%)
- Yellow (48%)
- Blue (64%)



- Cyan (55%)
- Magenta (0%)
- Yellow (11%)
- Black (36%)



- Cyan (71%)
- Magenta (36%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49A391 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 49A391 by changing the saturation by 10% instead.

 49A391

 49A391

FFFFFF

 2B8877

 81DAC7

 006F5F

 9DF7E3

 005647

 BAFfff

 003E31

 D6FFFf

 00281C

 F4FFFf

 000902

 000000

 49A391

 49A391

 39A38E

 59A394

■ 28A38A

■ 6AA398

■ 18A387

■ 7AA39B

■ 08A384

■ 8AA39E

■ 00A382

■ 9BA3A1

■ ABA3A5

■ BBA3A8

■ CBA3AB

■ DCA3AE

Harmonies

Analogous

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



6CA076



49A391



2EA3AD

Triad

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



49A391



958EC5



BF8866

Complementary

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



49A391



A3495B

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.



CA817C



49A391



B584B2

Square

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



49A391



6A97CB



C87F97



A9925C

Rectangle

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



49A391



34A0BC



C87F97



C4856C

Sweetspot

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



49A391



B0D4CC



5BA349



566B67



EBEBEB



6B6B6B

Same Dimension

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



49A391



48D4B8



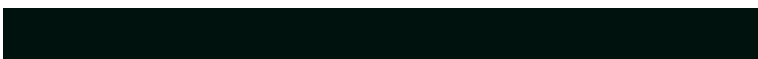
4988A3



495250



009174



00120E

Inverse Universe

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



A3495B



D44864



A36449



52494B



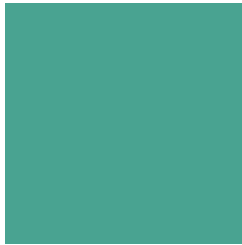
91001D



120004

Previews

White Background



This preview shows how the Hex color 49A391 looks on a white background.

Color Contrast Check

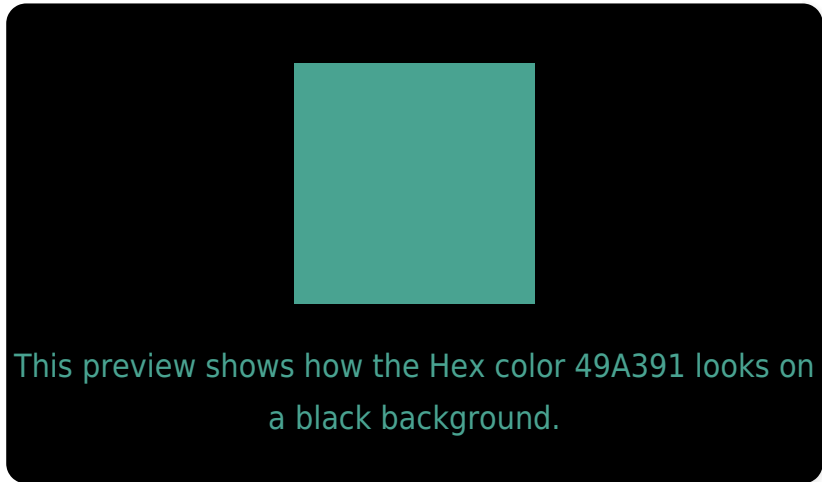
Large Text (above 18pt) WCAG AA ✓ Pass

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

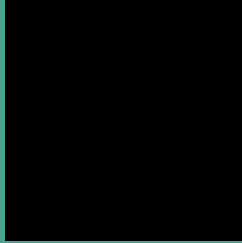
Any Text WCAG AA ✓ Pass

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 49A391 Background



This preview shows how black text looks on a background with the Hex color 49A391.

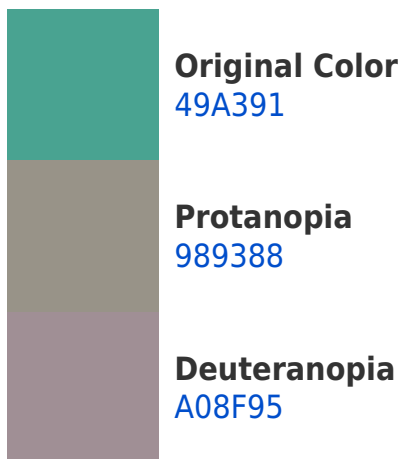


This preview shows how white text looks on a background with the Hex color 49A391.

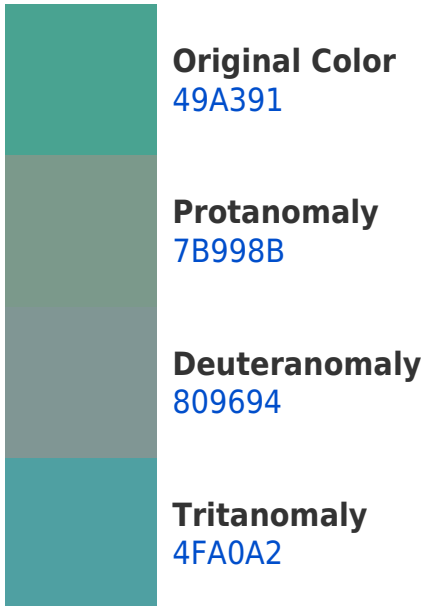
Color Blindness Simulation

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](#).

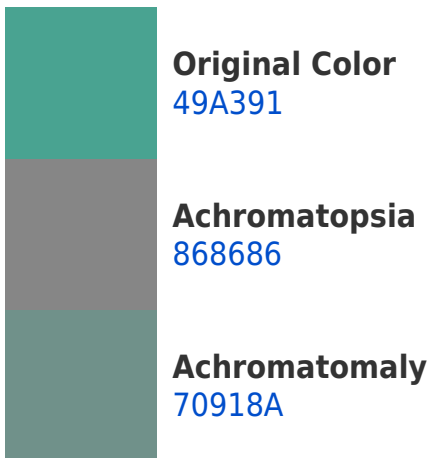
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 49A391 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 #49A391 looks like.

```
.text, #text, p{  
    color:#49A391  
}
```

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 #49A391 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49A391
}
```

Border

The CSS property to change the border of an element to Hex 49A391 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
#49A391 }
```

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

```
.border{ border-color:#49A391 }
```

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

Here you see how a box with a 4 pixel #49A391 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49A391; -webkit-box-shadow:4px 4px  
4px 4px #49A391; box-shadow:4px 4px 4px  
4px #49A391 }
```

Background

The CSS property to change the background color of an element to Hex 49A391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49A391 }
```

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

```
.background{ background-color:#49A391 }
```

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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