

Converting Colors

Hex(49AB81)

Have a look what the booklet for
Hex(49AB81) contains.

Hex(49AB81)	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(49AB81)

Conversions

Conversions Part 1

Format	Color
Hex	49AB81
RGB	73, 171, 129
RGB Percent	29%, 67%, 51%
CMY	0.7137, 0.3294, 0.4941
CMYK	0.57, 0.00, 0.25, 0.33
HSL	154°, 40%, 48%
HSV	154°, 57%, 67%
XYZ	21.2730, 32.1273, 25.8489
YIQ	136.9100, -44.9260, -33.8380

Conversions

Conversions Part 2

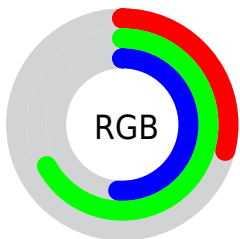
Format	Color
RYB	73, 135, 171
Decimal	4828033
CIELab	63.45, -38.87, 13.14
CIElCh	63, 41.033, 161.323
Yxy	32.1273, 0.2684, 0.4054
Android (android.graphics.Color)	4283018113 (0xFF49AB81)
YUV	136.9100, -3.8996, -56.0491
Hunter-Lab	56.6809, -32.1985, 12.6379

Details

The Hex color **49AB81** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AB4973**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **81E3B6**, and **007650** is the 20% darker color. If you saturate the color by 10%, you get **38AB7A**, and if you desaturate by 10%, it is **5AAB88**.

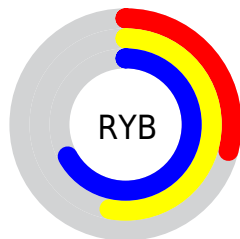
Distribution



Red (29%)

Green (67%)

Blue (51%)



Red (29%)

Yellow (53%)

Blue (67%)

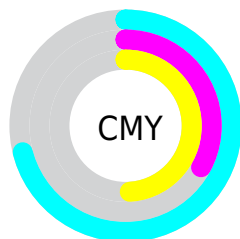


Cyan (57%)

Magenta (0%)

Yellow (25%)

Black (33%)



Cyan (71%)

Magenta (33%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49AB81 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 49AB81 by changing the saturation by 10% instead.

 49AB81

 49AB81

FFFFFF

 2A9068

 81E3B6

 007650

 9EFFD2

 005D39

 BAFEE

 004423

 D7FFF

 002D0E

 F5FFF

 001400

 000000

 49AB81

 49AB81

 38AB7A

 5AAB88

 27AB72

 6BAB90

 16AB6B

 7CAB97

 05AB64

 8DAB9E

 00AB62

 9EABA6

 B0ABAD

 C1ABB4

 D2ABBC

 E3ABC3

Harmonies

Analogous

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



7BA561



49AB81



00ADA7

Triad

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



49AB81



7999E1



DA836B

Complementary

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



49AB81



AB4973

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.



DF7C8D



49AB81



AF8BD1

Square

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



49AB81



23A4DE



D27FB2



C48F54

Rectangle

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



49AB81



00ACBE



D27FB2



DE8076

Sweetspot

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



49AB81



B8DECE



73AB49



5A7067



F0F0F0



707070

Same Dimension

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



49AB81



45DE9C



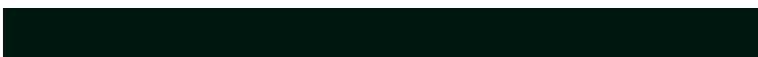
49A4AB



4E5753



009656



00170D

Inverse Universe

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



AB4973



DE4586



AB5049



574E52



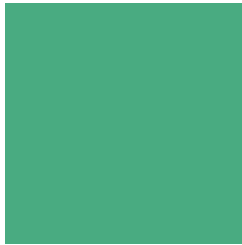
960040



17000A

Previews

White Background



This preview shows how the Hex color 49AB81 looks on a white background.

Color Contrast Check

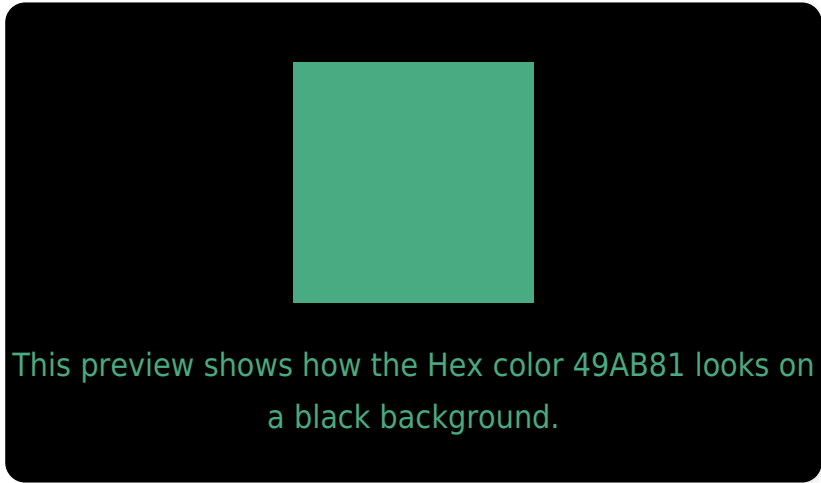
Large Text (above 18pt) WCAG AA × Fail

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

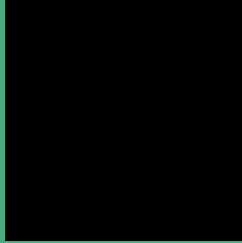
Any Text WCAG AA ✓ Pass

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 49AB81 Background



This preview shows how black text looks on a background with the Hex color 49AB81.

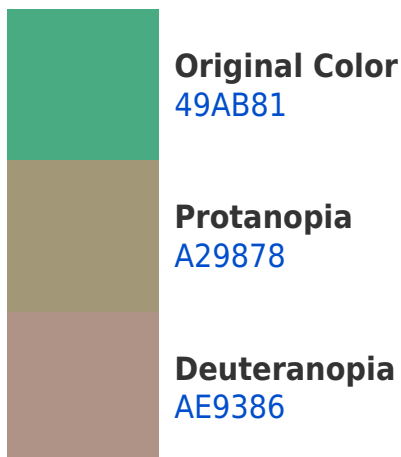


This preview shows how white text looks on a background with the Hex color 49AB81.

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
58A5B2

Trichromacy



Original Color
49AB81



Protanomaly
829F7B



Deuteranomaly
899C84



Tritanomaly
53A7A0

Monochromacy



Original Color
49AB81



Achromatopsia
898989



Achromatomaly
729586

CSS Examples

Text

The CSS property to change the color of the text to Hex 49AB81 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 #49AB81 looks like.

```
.text, #text, p{  
    color:#49AB81  
}
```

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 #49AB81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49AB81
}
```

Border

The CSS property to change the border of an element to Hex 49AB81 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
#49AB81 }
```

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

```
.border{ border-color:#49AB81 }
```

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

Here you see how a box with a 4 pixel #49AB81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49AB81; -webkit-box-shadow:4px 4px  
4px 4px #49AB81; box-shadow:4px 4px 4px  
4px #49AB81 }
```

Background

The CSS property to change the background color of an element to Hex 49AB81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49AB81 }
```

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

```
.background{ background-color:#49AB81 }
```

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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