

Converting Colors

Hex(41A986)

Have a look what the booklet for
Hex(41A986) contains.

Hex(41A986)	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(41A986)

Conversions

Conversions Part 1

Format	Color
Hex	41A986
RGB	65, 169, 134
RGB Percent	25%, 66%, 53%
CMY	0.7451, 0.3373, 0.4745
CMYK	0.62, 0.00, 0.21, 0.34
HSL	160°, 44%, 46%
HSV	160°, 62%, 66%
XYZ	20.6710, 31.2210, 27.4910
YIQ	133.9140, -50.7490, -32.9330

Conversions

Conversions Part 2

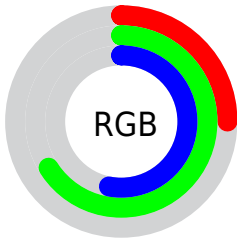
Format	Color
RYB	65, 128, 169
Decimal	4303238
CIELab	62.69, -38.51, 9.27
CIELCh	63, 39.613, 166.465
Yxy	31.2210, 0.2604, 0.3933
Android (android.graphics.Color)	4282493318 (0xFF41A986)
YUV	133.9140, 0.0424, -60.4376
Hunter-Lab	55.8757, -31.7471, 9.9422

Details

The Hex color **41A986** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A94164**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **7BE1BB**, and **007454** is the 20% darker color. If you saturate the color by 10%, you get **30A980**, and if you desaturate by 10%, it is **52A98C**.

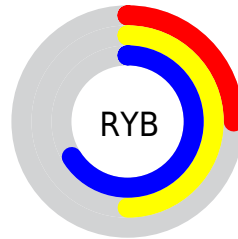
Distribution



Red (25%)

Green (66%)

Blue (53%)



Red (25%)

Yellow (50%)

Blue (66%)

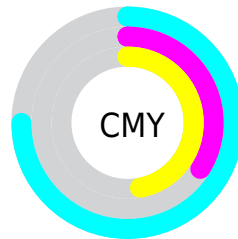


Cyan (62%)

Magenta (0%)

Yellow (21%)

Black (34%)



Cyan (75%)

Magenta (34%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41A986 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 41A986 by changing the saturation by 10% instead.



41A986



41A986

FFFFFF



1F8E6D



7BE1BB



007454



97FED7



005B3D



B4FFF3



004227



D1FFFF



002C13



FFFFFF



001100



000000



41A986



41A986



30A980



52A98C

■ 1FA97B

■ 63A991

■ 0EA975

■ 74A997

■ 00A970

■ 85A99D

■ 95A9A2

■ A6A9A8

■ B7A9AE

■ C8A9B3

■ D9A9B9

Harmonies

Analogous

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



73A466



41A986



00AAAA

Triad

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



41A986



8294DB



D38466

Complementary

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



41A986



A94164

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.



DB7C85



41A986



B387C8

Square

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



41A986



3DA0DB



D27DA9



BC9053

Rectangle

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



41A986



00A9C0



D27DA9



D88070

Sweetspot

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



41A986



B4DBCE



65A941



566E66



EDEDED



6E6E6E

Same Dimension

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



41A986



39DBA5



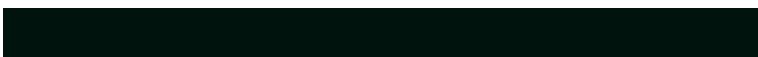
4199A9



4C5451



009462



00140E

Inverse Universe

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



A94164



DB3970



A95141



544C4F



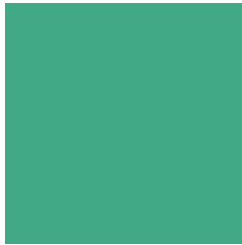
940032



140007

Previews

White Background



This preview shows how the Hex color 41A986 looks on a white background.

Color Contrast Check

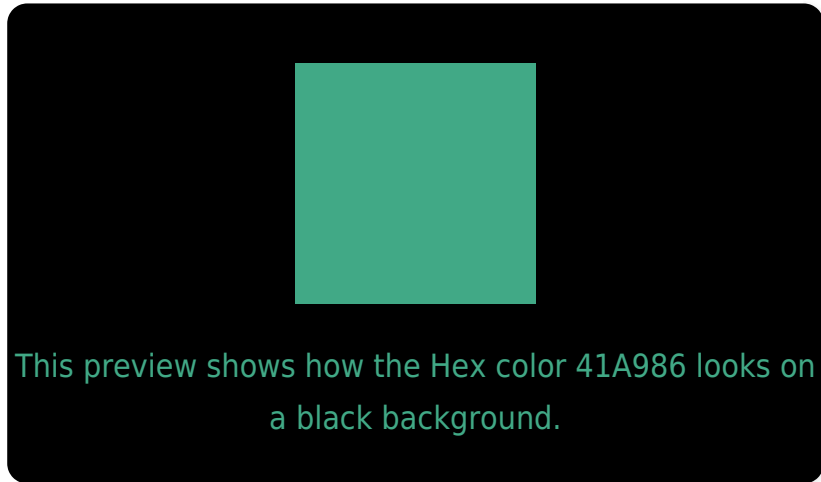
Large Text (above 18pt) WCAG AA × Fail

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 41A986 Background



This preview shows how black text looks on a background with the Hex color 41A986.

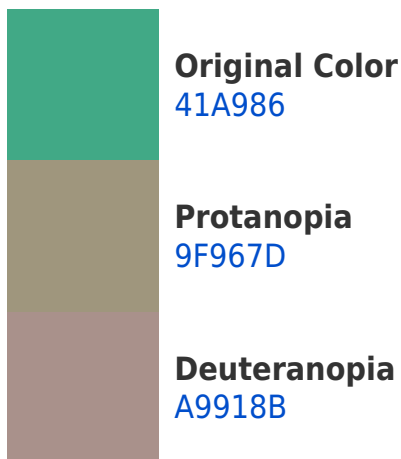


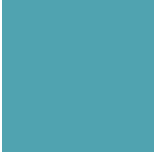
This preview shows how white text looks on a background with the Hex color 41A986.

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
50A3B0

Trichromacy



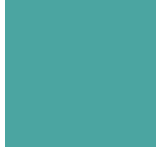
Original Color
41A986



Protanomaly
7D9D80



Deuteranomaly
839A89



Tritanomaly
4BA5A1

Monochromacy



Original Color
41A986



Achromatopsia
868686



Achromatomaly
6D9386

CSS Examples

Text

The CSS property to change the color of the text to Hex 41A986 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 #41A986 looks like.

```
.text, #text, p{  
    color:#41A986  
}
```

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 #41A986 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41A986
}
```

Border

The CSS property to change the border of an element to Hex 41A986 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
#41A986 }
```

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

```
.border{ border-color:#41A986 }
```

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

Here you see how a box with a 4 pixel #41A986 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41A986; -webkit-box-shadow:4px 4px  
4px 4px #41A986; box-shadow:4px 4px 4px  
4px #41A986 }
```

Background

The CSS property to change the background color of an element to Hex 41A986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41A986 }
```

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

```
.background{ background-color:#41A986 }
```

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