

Converting Colors

Hex(41AE8D)

Have a look what the booklet for
Hex(41AE8D) contains.

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Color

Hex(41AE8D)

Conversions

Conversions Part 1

Format	Color
Hex	41AE8D
RGB	65, 174, 141
RGB Percent	25%, 68%, 55%
CMY	0.7451, 0.3176, 0.4471
CMYK	0.63, 0.00, 0.19, 0.32
HSL	162°, 46%, 47%
HSV	162°, 63%, 68%
XYZ	22.1237, 33.3190, 30.4645
YIQ	137.6470, -54.3710, -33.3710

Conversions

Conversions Part 2

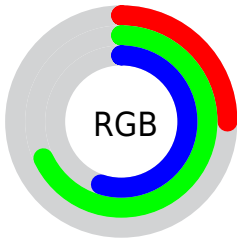
Format	Color
RYB	65, 129, 174
Decimal	4304525
CIELab	64.42, -39.06, 7.84
CIElCh	64, 39.841, 168.648
Yxy	33.3190, 0.2575, 0.3878
Android (android.graphics.Color)	4282494605 (0xFF41AE8D)
YUV	137.6470, 1.6530, -63.7114
Hunter-Lab	57.7226, -32.5997, 9.1141

Details

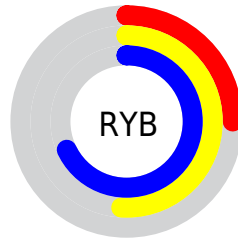
The Hex color **41AE8D** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AE4162**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **7CE6C3**, and **00795B** is the 20% darker color. If you saturate the color by 10%, you get **30AE88**, and if you desaturate by 10%, it is **52AE92**.

Distribution



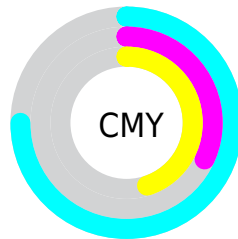
- Red (25%)
- Green (68%)
- Blue (55%)



- Red (25%)
- Yellow (51%)
- Blue (68%)



- Cyan (63%)
- Magenta (0%)
- Yellow (19%)
- Black (32%)



- Cyan (75%)
- Magenta (32%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41AE8D 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 41AE8D by changing the saturation by 10% instead.

 41AE8D

 41AE8D

FFFFFF

 1D9373

 7CE6C3

 00795B

 98FFDF

 005F43

 B5FFFB

 00472D

 D3FFFF

 002F18

 F0FFFF

 001800

 000000

 41AE8D

 41AE8D

 30AE88

 52AE92

■ 1EAE82

■ 64AE98

■ 0DAE7D

■ 75AE9D

■ 00AE79

■ 87AEA2

■ 98AEA7

■ A9AEAD

■ BBAEB2

■ CCAEB7

■ DEAEBC

Harmonies

Analogous

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



74A96C



41AE8D



00AFB2

Triad

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



41AE8D



8B98DF



D78968

Complementary

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



41AE8D



AE4162

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.



E18187



41AE8D



BB8BCC

Square

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



41AE8D



48A4E1



D881AB



BF9556

Rectangle

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



41AE8D



00ADC8



D881AB



DC8572

Sweetspot

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



41AE8D



B8E3D6



64AE41



58736B



F2F2F2



737373

Same Dimension

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



41AE8D



39E3AF



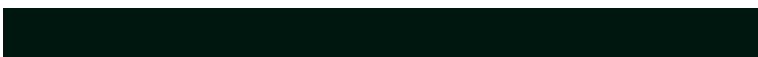
419AAE



4E5754



009669



001710

Inverse Universe

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



AE4162



E3396C



AE5541



574E51



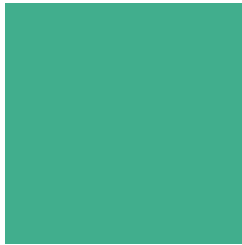
96002E



170007

Previews

White Background



This preview shows how the Hex color 41AE8D looks on a white background.

Color Contrast Check

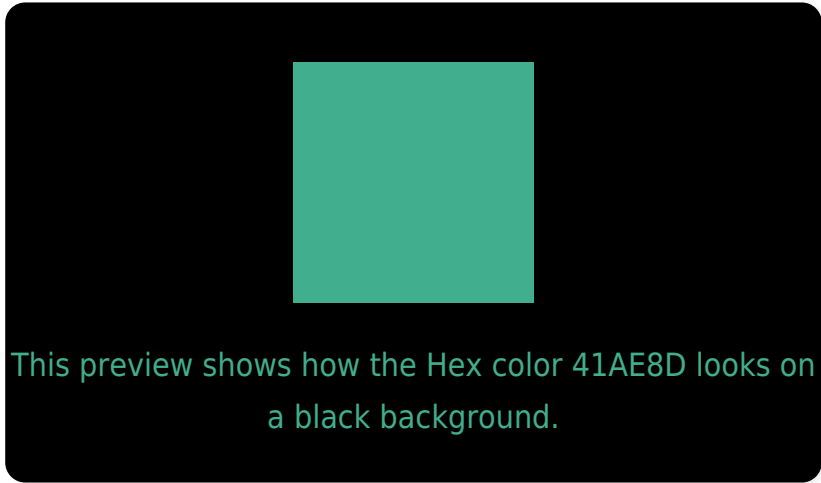
Large Text (above 18pt) WCAG AA × Fail

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

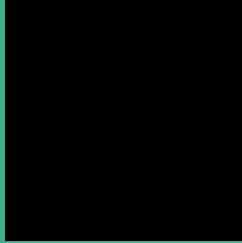
Any Text WCAG AA ✓ Pass

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 41AE8D Background



This preview shows how black text looks on a background with the Hex color 41AE8D.

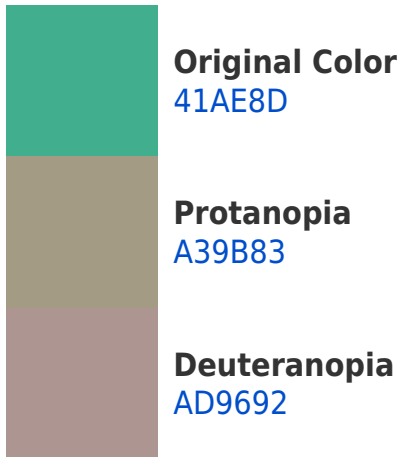


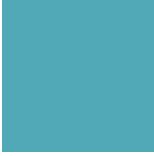
This preview shows how white text looks on a background with the Hex color 41AE8D.

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](#).

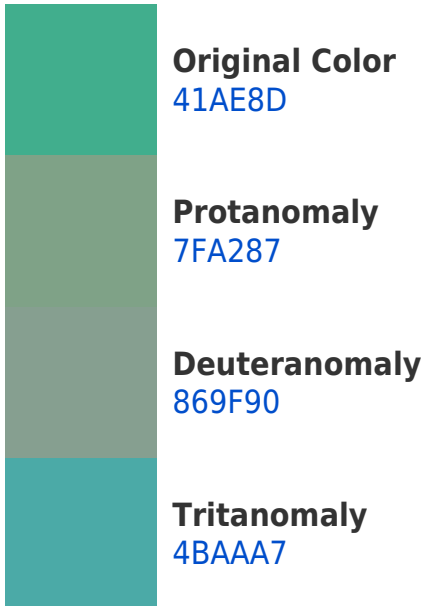
Dichromacy



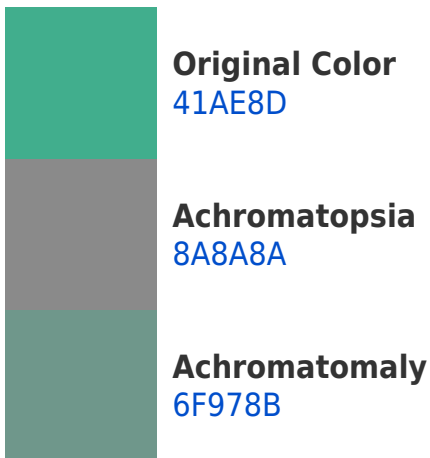


Tritanopia
51A8B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 41AE8D 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 #41AE8D looks like.

```
.text, #text, p{  
    color:#41AE8D  
}
```

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 #41AE8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41AE8D
}
```

Border

The CSS property to change the border of an element to Hex 41AE8D 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
#41AE8D }
```

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

```
.border{ border-color:#41AE8D }
```

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

Here you see how a box with a 4 pixel #41AE8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41AE8D; -webkit-box-shadow:4px 4px  
4px 4px #41AE8D; box-shadow:4px 4px 4px  
4px #41AE8D }
```

Background

The CSS property to change the background color of an element to Hex 41AE8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41AE8D }
```

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

```
.background{ background-color:#41AE8D }
```

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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