

# Converting Colors

Hex(41AE99)

Have a look what the booklet for  
Hex(41AE99) contains.

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# Color

**Hex(41AE99)**

# Conversions

## Conversions Part 1

Format	Color
Hex	41AE99
RGB	65, 174, 153
RGB Percent	25%, 68%, 60%
CMY	0.7451, 0.3176, 0.4000
CMYK	0.63, 0.00, 0.12, 0.32
HSL	168°, 46%, 47%
HSV	168°, 63%, 68%
XYZ	23.0658, 33.6958, 35.4252
YIQ	139.0150, -58.2230, -29.6390

# Conversions

## Conversions Part 2

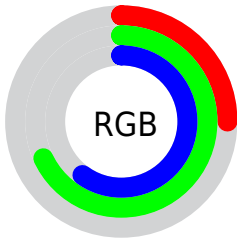
Format	Color
<a href="#">RYB</a>	<a href="#">65, 125, 174</a>
Decimal	<a href="#">4304537</a>
CIELab	<a href="#">64.72, -36.06, 1.62</a>
CIELCh	<a href="#">65, 36.094, 177.433</a>
Yxy	<a href="#">33.6958, 0.2502, 0.3655</a>
Android (android.graphics.Color)	<a href="#">4282494617</a> ( <a href="#">0xFF41AE99</a> )
YUV	<a href="#">139.0150, 6.8946, -64.9112</a>
Hunter-Lab	<a href="#">58.0481, -30.6561, 4.4505</a>

# Details

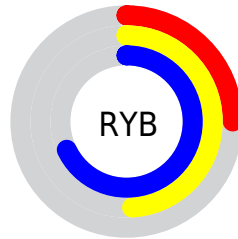
The Hex color **41AE99** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AE4156**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **7CE6CF**, and **007966** is the 20% darker color. If you saturate the color by 10%, you get **30AE96**, and if you desaturate by 10%, it is **52AE9C**.

# Distribution



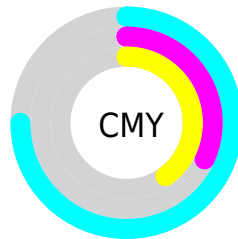
- Red (25%)
- Green (68%)
- Blue (60%)



- Red (25%)
- Yellow (49%)
- Blue (68%)



- Cyan (63%)
- Magenta (0%)
- Yellow (12%)
- Black (32%)



- Cyan (75%)
- Magenta (32%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 41AE99 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 41AE99 by changing the saturation by 10% instead.



 41AE99

 41AE99

FFFFFF

 1C937F

 7CE6CF

 007966

 99FFEB

 005F4E

 B6FFFF

 004737

 D3FFFF

 003022

 F1FFFF

 00190C

 000000

 41AE99

 41AE99

 30AE96

 52AE9C

■ 1EAE92

■ 64AEA0

■ 0DAE8F

■ 75AEA3

■ 00AE8C

■ 87AEA6

■ 98AEAA

■ A9AEAD

■ BBAEB0

■ CCAEB4

■ DEAEB7

# Harmonies

## Analogous

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



6DAB79



41AE99



07AEBA

# Triad

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



41AE99



9D96D6



CE8F68

# Complementary

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



41AE99



AE4156

# 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.



DB8681



41AE99



C38AC0

# Square

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



41AE99



69A1DD



D884A1



B59A5C

# Rectangle

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



41AE99



15ABCC



D884A1



D48B6F



# Sweetspot

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



41AE99



B8E3DB



57AE41



58736E



F2F2F2



737373



# Same Dimension

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



41AE99



39E3C2



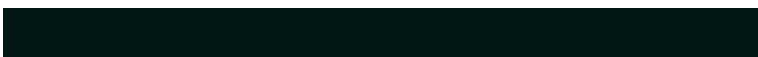
418DAE



4E5755



009679



001713



# Inverse Universe

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



AE4156



E3395A



AE6241



574E50



96001D

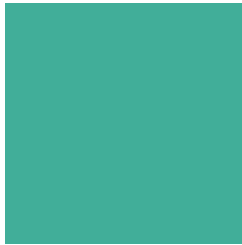


170004



# Previews

## White Background



This preview shows how the Hex color 41AE99 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



This preview shows how the Hex color 41AE99 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

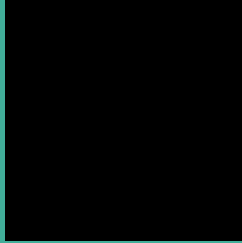
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 41AE99 Background



This preview shows how black text looks on a background with the Hex color 41AE99.

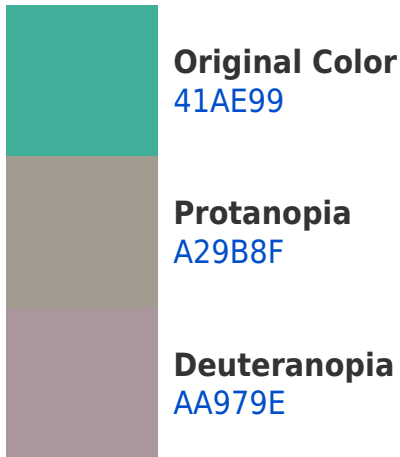


This preview shows how white text looks on a background with the Hex color 41AE99.

# 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](#).

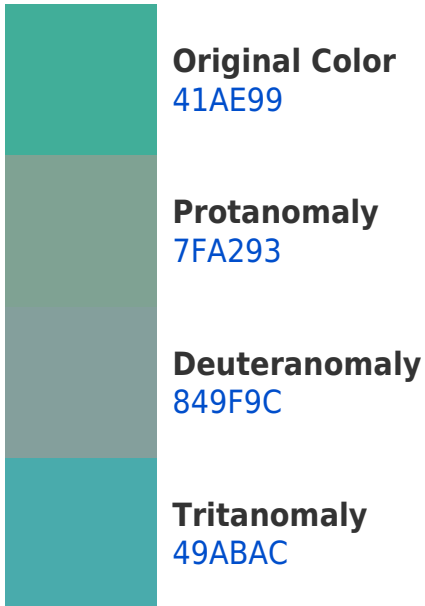
## Dichromacy



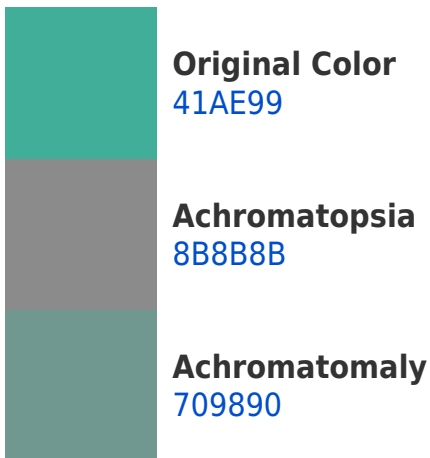


**Tritanopia**  
4DAAB7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 41AE99 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 #41AE99 looks like.

```
.text, #text, p{  
    color:#41AE99  
}
```

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 #41AE99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41AE99
}
```

## Border

The CSS property to change the border of an element to Hex 41AE99 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
#41AE99 }
```

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

```
.border{ border-color:#41AE99 }
```

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

Here you see how a box with a 4 pixel #41AE99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41AE99; -webkit-box-shadow:4px 4px  
4px 4px #41AE99; box-shadow:4px 4px 4px  
4px #41AE99 }
```

# Background

The CSS property to change the background color of an element to Hex 41AE99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41AE99 }
```

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

```
.background{ background-color:#41AE99 }
```

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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