

# Converting Colors

Hex(41ACB6)

Have a look what the booklet for  
Hex(41ACB6) contains.

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**Color**

**Hex(41ACB6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	41ACB6
RGB	65, 172, 182
RGB Percent	25%, 67%, 71%
CMY	0.7451, 0.3255, 0.2863
CMYK	0.64, 0.05, 0.00, 0.29
HSL	185°, 47%, 48%
HSV	185°, 64%, 71%
XYZ	25.3760, 34.0063, 49.4824
YIQ	141.1470, -66.9820, -19.5740

# Conversions

## Conversions Part 2

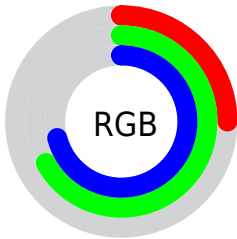
Format	Color
<a href="#">RYB</a>	<a href="#">65, 121, 182</a>
Decimal	<a href="#">4304054</a>
CIELab	<a href="#">64.97, -27.04, -14.17</a>
CIELCh	<a href="#">65, 30.527, 207.650</a>
Yxy	<a href="#">34.0063, 0.2331, 0.3124</a>
Android (android.graphics.Color)	<a href="#">4282494134</a> ( <a href="#">0xFF41ACB6</a> )
YUV	<a href="#">141.1470, 20.1405, -66.7809</a>
Hunter-Lab	<a href="#">58.3149, -24.3760, -9.4894</a>

# Details


The Hex color **41ACB6** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B64B41**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **7EE4EE**, and **007781** is the 20% darker color. If you saturate the color by 10%, you get **2FAAB6**, and if you desaturate by 10%, it is **53AEB6**.

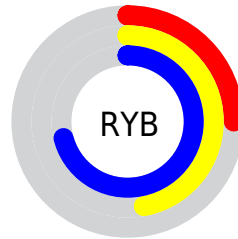
# Distribution



 Red (25%)

 Green (67%)

 Blue (71%)




 Red (25%)

 Yellow (47%)

 Blue (71%)

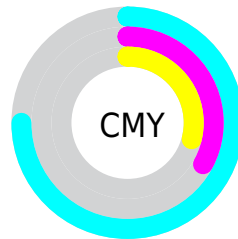


 Cyan (64%)

 Magenta (5%)

 Yellow (0%)

 Black (29%)



 Cyan (75%)

 Magenta (33%)

 Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 41ACB6 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 41ACB6 by changing the saturation by 10% instead.



■ 41ACB6

■ 41ACB6

FFFFFF

■ 19919B

■ 7EE4EE

■ 007781

■ 9BFFFF

■ 005E68

■ B9FFFF

■ 004650

■ D6FFFF

■ 002F39

■ F4FFFF

■ 001B23

■ 00010D

■ 000000

■ 41ACB6

■ 41ACB6

■ 2FAAB6

■ 53AEB6

■ 1DA9B6

■ 65AFB6

■ 0AA7B6

■ 78B1B6

■ 00A6B6

■ 8AB2B6

■ 9CB4B6

■ AEB5B6

■ C0B7B6

■ D3B8B6

■ E5BAB6

# Harmonies

## Analogous

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



56AC9A



41ACB6



4FA8CB

# Triad

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



41ACB6



BE8EBB



B29B67

# Complementary

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



41ACB6



B64B41

# 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.



C89270



41ACB6



D189A1

# Square

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



41ACB6



9E97CE



D38B86



96A46D

# Rectangle

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



41ACB6



67A4D2



D38B86



BB9869



# Sweetspot

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



41ACB6



C0E9ED



41B64B



5C7578



F7F7F7



787878



# Same Dimension

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



41ACB6



37DEED



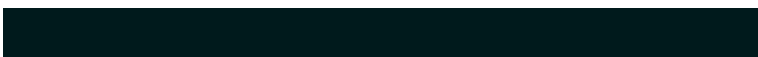
4172B6



535B5C



008E9C



001A1C



# Inverse Universe

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



B641AC



ED37DE



B68541



5C535B



9C008E



1C001A



# Previews

## White Background



This preview shows how the Hex color 41ACB6 looks on a white background.

## Color Contrast Check

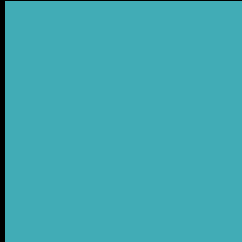
Large Text (above 18pt) WCAG AA × Fail

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 41ACB6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

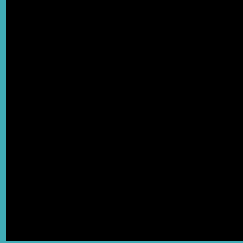
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 41ACB6 Background



This preview shows how black text looks on a background with the Hex color 41ACB6.

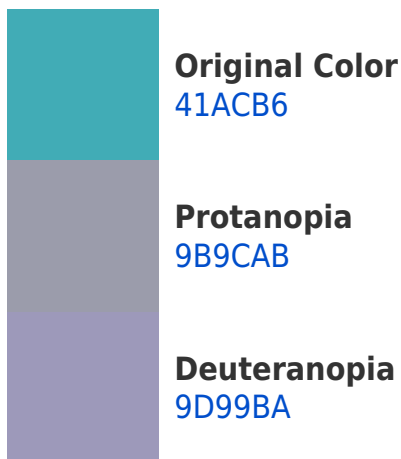


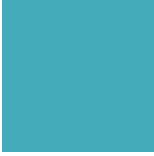
This preview shows how white text looks on a background with the Hex color 41ACB6.

# 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](#).

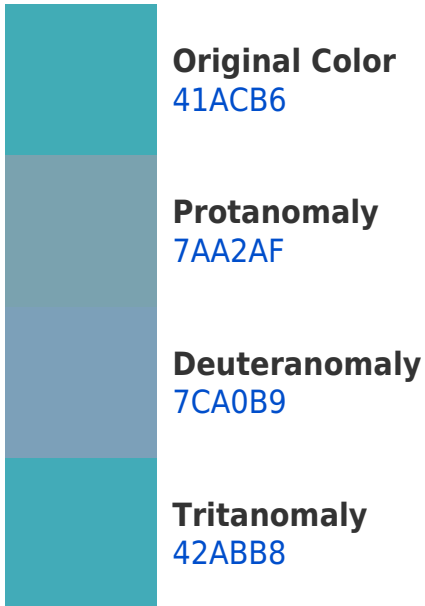
## Dichromacy





**Tritanopia**  
43ABB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 41ACB6 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 #41ACB6 looks like.

```
.text, #text, p{  
    color:#41ACB6  
}
```

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 #41ACB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41ACB6  
}
```

## Border

The CSS property to change the border of an element to Hex 41ACB6 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  
#41ACB6 }
```

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

```
.border{ border-color:#41ACB6 }
```

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

Here you see how a box with a 4 pixel #41ACB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41ACB6; -webkit-box-shadow:4px 4px  
4px 4px #41ACB6; box-shadow:4px 4px 4px  
4px #41ACB6 }
```

# Background

The CSS property to change the background color of an element to Hex 41ACB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41ACB6 }
```

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

```
.background{ background-color:#41ACB6 }
```

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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