

# Converting Colors

Hex(41B59A)

Have a look what the booklet for  
Hex(41B59A) contains.

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**Color**

**Hex(41B59A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	41B59A
RGB	65, 181, 154
RGB Percent	25%, 71%, 60%
CMY	0.7451, 0.2902, 0.3961
CMYK	0.64, 0.00, 0.15, 0.29
HSL	166°, 47%, 48%
HSV	166°, 64%, 71%
XYZ	24.5366, 36.5047, 36.3247
YIQ	143.2380, -60.4690, -32.9890

# Conversions

## Conversions Part 2

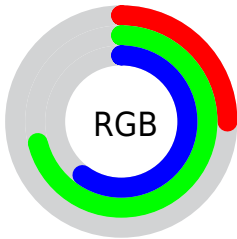
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 131, 181
Decimal	4306330
CIELab	66.90, -38.98, 4.23
CIELCh	67, 39.205, 173.811
Yxy	36.5047, 0.2520, 0.3749
Android (android.graphics.Color)	4282496410 (0xFF41B59A)
YUV	143.2380, 5.3057, -68.6147
Hunter-Lab	60.4191, -33.2434, 6.6474

# Details

The Hex color **41B59A** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B5415C**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **7DEED0**, and **007F67** is the 20% darker color. If you saturate the color by 10%, you get **2FB596**, and if you desaturate by 10%, it is **53B59E**.

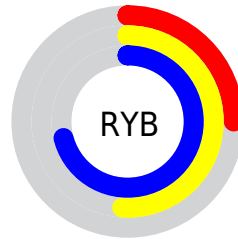
# Distribution



Red (25%)

Green (71%)

Blue (60%)



Red (25%)

Yellow (51%)

Blue (71%)

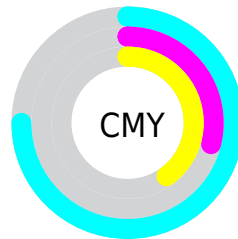


Cyan (64%)

Magenta (0%)

Yellow (15%)

Black (29%)



Cyan (75%)

Magenta (29%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 41B59A 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 41B59A by changing the saturation by 10% instead.



 41B59A

 41B59A

FFFFFF

 1B9A80

 7DEED0

 007F67

 9AFFED

 00664F

 B8FFFF

 004D38

 D5FFFF

 003523

 F3FFFF

 00200D

 000000

 41B59A

 41B59A

 2FB596

 53B59E

 1DB592

 65B5A2

 0BB58D

 77B5A7

 00B58B

 89B5AB

 9CB5AF

 AEB5B3

 C0B5B7

 D2B5BC

 E4B5C0

# Harmonies

## Analogous

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



74B178



41B59A



00B5BE

# Triad

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



41B59A



9C9CE3



DA926B

# Complementary

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



41B59A



B5415C

# 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.



E78988



41B59A



C890CD

# Square

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



41B59A



5FA9E8



E187AC



C09E5C

# Rectangle

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



41B59A



00B3D3



E187AC



E08E74



# Sweetspot

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



41B59A



BEEBE0



5CB541



5A756F



F5F5F5



757575



# Same Dimension

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



41B59A



36EBC1



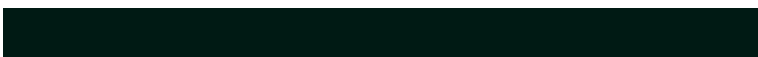
4196B5



505957



009975



001A14



# Inverse Universe

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



B5415C



EB3660



B56041



595052



990024



1A0006



# Previews

## White Background



This preview shows how the Hex color 41B59A looks on a white background.

## Color Contrast Check

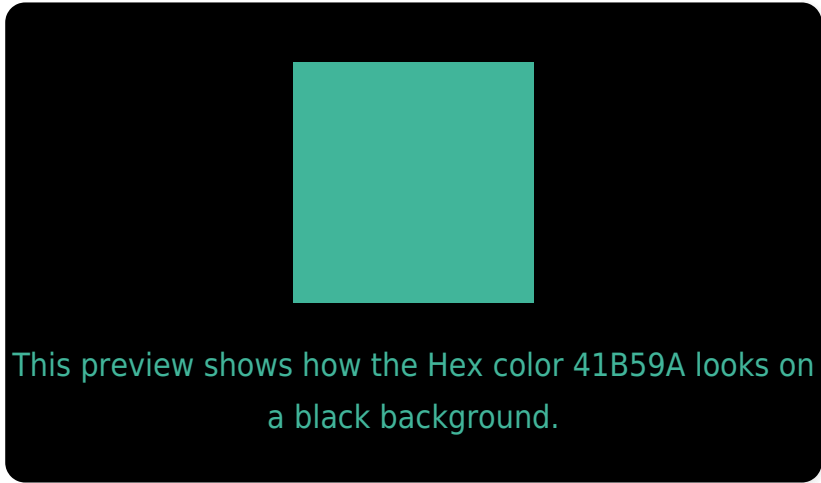
Large Text (above 18pt) WCAG AA × Fail

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

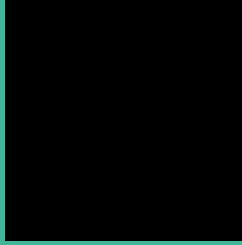
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 41B59A Background



This preview shows how black text looks on a background with the Hex color 41B59A.

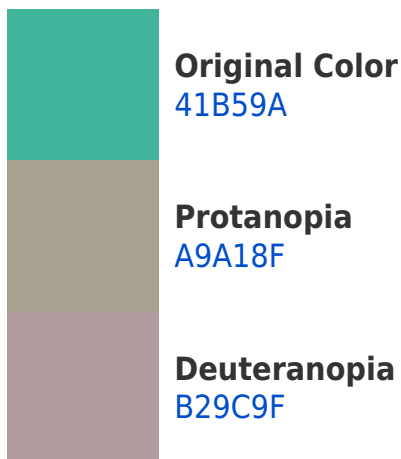


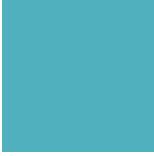
This preview shows how white text looks on a background with the Hex color 41B59A.

# 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**  
50B0BE

# Trichromacy



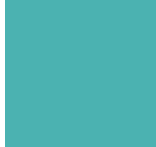
**Original Color**  
41B59A



**Protanomaly**  
83A893



**Deuteranomaly**  
89A59D



**Tritanomaly**  
4BB2B1

# Monochromacy



**Original Color**  
41B59A



**Achromatopsia**  
8F8F8F



**Achromatomaly**  
739D93

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 41B59A 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 #41B59A looks like.

```
.text, #text, p{  
    color:#41B59A  
}
```

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 #41B59A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41B59A
}
```

## Border

The CSS property to change the border of an element to Hex 41B59A 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
#41B59A }
```

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

```
.border{ border-color:#41B59A }
```

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

Here you see how a box with a 4 pixel #41B59A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41B59A; -webkit-box-shadow:4px 4px  
4px 4px #41B59A; box-shadow:4px 4px 4px  
4px #41B59A }
```

# Background

The CSS property to change the background color of an element to Hex 41B59A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41B59A }
```

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

```
.background{ background-color:#41B59A }
```

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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