

Converting Colors

Hex(41839B)

Have a look what the booklet for
Hex(41839B) contains.

Hex(41839B)	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(41839B)

Conversions

Conversions Part 1

Format	Color
Hex	41839B
RGB	65, 131, 155
RGB Percent	25%, 51%, 61%
CMY	0.7451, 0.4863, 0.3922
CMYK	0.58, 0.15, 0.00, 0.39
HSL	196°, 41%, 43%
HSV	196°, 58%, 61%
XYZ	16.2127, 19.7230, 33.9628
YIQ	114.0020, -47.0400, -6.5280

Conversions

Conversions Part 2

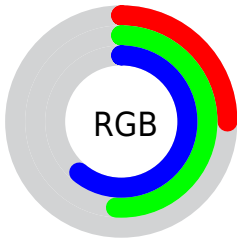
Format	Color
R _Y B	65, 103, 155
Decimal	4293531
CIE Lab	51.52, -13.75, -19.22
CIE LCh	52, 23.631, 234.417
Yxy	19.7230, 0.2319, 0.2822
Android (android.graphics.Color)	4282483611 (0xFF41839B)
YUV	114.0020, 20.2120, -42.9748
Hunter-Lab	44.4106, -12.5547, -14.2544

Details

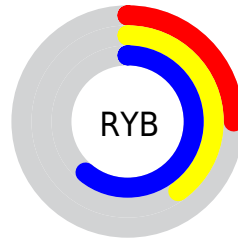
The Hex color **41839B** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9B5941**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **78B8D1**, and **005268** is the 20% darker color. If you saturate the color by 10%, you get **317F9B**, and if you desaturate by 10%, it is **50879B**.

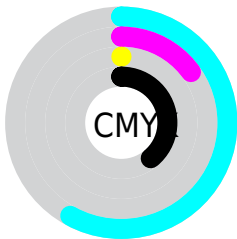
Distribution



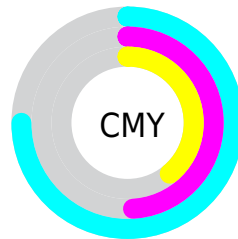
- Red (25%)
- Green (51%)
- Blue (61%)



- Red (25%)
- Yellow (40%)
- Blue (61%)



- Cyan (58%)
- Magenta (15%)
- Yellow (0%)
- Black (39%)



- Cyan (75%)
- Magenta (49%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41839B 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 41839B by changing the saturation by 10% instead.

■ 41839B

■ 41839B

FFFFFF

■ 236A81

■ 78B8D1

■ 005268

■ 94D4EE

■ 003A50

■ B0F0FF

■ 002539

■ CDFFFF

■ 000C23

■ EAFFFF

■ 00000B

■ 000000

■ 41839B

■ 41839B

■ 317F9B

■ 50879B

■ 227B9B

■ 608B9B

■ 13779B

■ 6F8F9B

■ 03729B

■ 7F949B

■ 00729B

■ 8E989B

■ 9E9C9B

■ ADA09B

■ BDA49B

■ CCA89B

Harmonies

Analogous

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



3A868B



41839B



5B7EA3

Triad

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



41839B



A06C7F



787F56

Complementary

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



41839B



9B5941

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.



8D7853



41839B



A36D6B

Square

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



41839B



917093



9C715B



618363

Rectangle

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



41839B



6F79A2



9C715B



7F7D53

Sweetspot

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



41839B



A7C0C9



419B59



526166



E6E6E6



666666

Same Dimension

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



41839B



3CA4C9



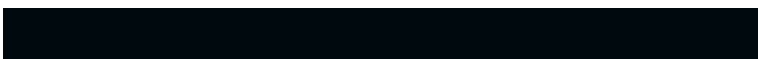
41569B



454A4D



00678C



00090D

Inverse Universe

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



9B4183



C93CA4



9B8641



4D454A



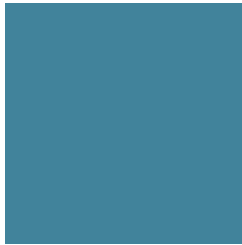
8C0067



0D0009

Previews

White Background



This preview shows how the Hex color 41839B looks on a white background.

Color Contrast Check

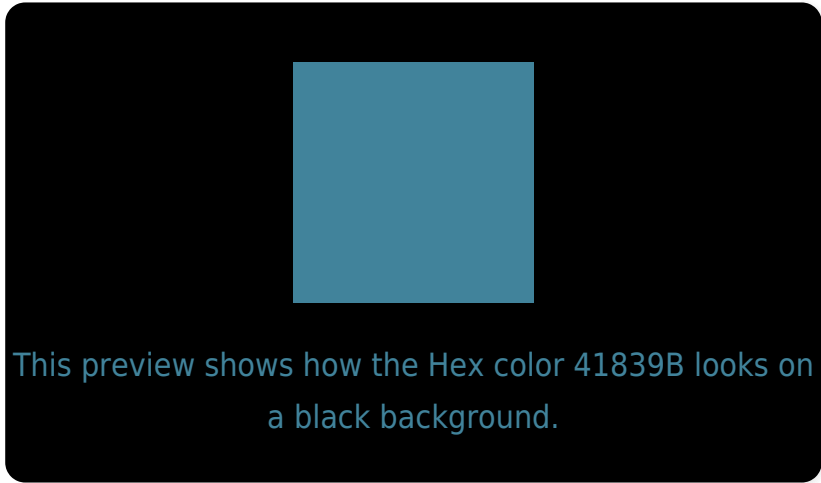
Large Text (above 18pt) WCAG AA ✓ Pass

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

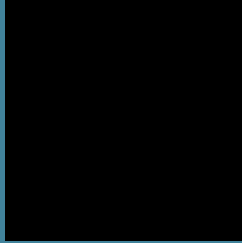
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 41839B Background



This preview shows how black text looks on a background with the Hex color 41839B.

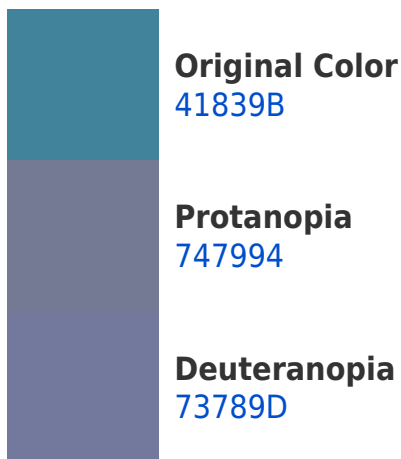


This preview shows how white text looks on a background with the Hex color 41839B.

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](#).

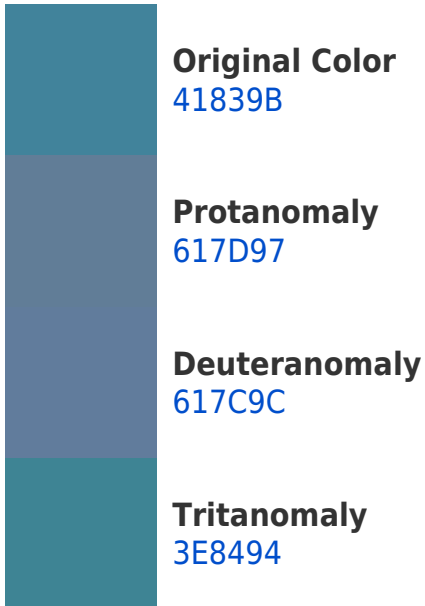
Dichromacy





Tritanopia
3C8590

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 41839B 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 #41839B looks like.

```
.text, #text, p{  
    color:#41839B  
}
```

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 #41839B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41839B
}
```

Border

The CSS property to change the border of an element to Hex 41839B is called "border". The border property can be set on classes, ids or directly on the HTML element.

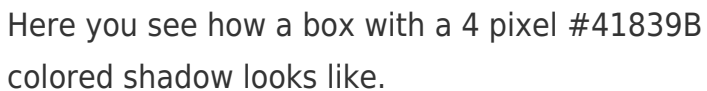
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#41839B }
```

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

```
.border{ border-color:#41839B }
```

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



Here you see how a box with a 4 pixel #41839B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41839B; -webkit-box-shadow:4px 4px  
4px 4px #41839B; box-shadow:4px 4px 4px  
4px #41839B }
```

Background

The CSS property to change the background color of an element to Hex 41839B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41839B }
```

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

```
.background{ background-color:#41839B }
```

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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