

Converting Colors

Hex(41839C)

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

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Color

Hex(41839C)

Conversions

Conversions Part 1

Format	Color
Hex	41839C
RGB	65, 131, 156
RGB Percent	25%, 51%, 61%
CMY	0.7451, 0.4863, 0.3882
CMYK	0.58, 0.16, 0.00, 0.39
HSL	196°, 41%, 43%
HSV	196°, 58%, 61%
XYZ	16.2970, 19.7567, 34.4070
YIQ	114.1160, -47.3610, -6.2170

Conversions

Conversions Part 2

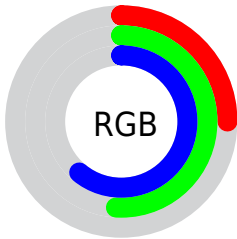
Format	Color
R _{YB}	65, 103, 156
Decimal	4293532
CIE _{Lab}	51.56, -13.44, -19.74
CIE _{LCh}	52, 23.880, 235.760
Y _{xy}	19.7567, 0.2313, 0.2804
Android (android.graphics.Color)	4282483612 (0xFF41839C)
Y _{UV}	114.1160, 20.6488, -43.0747
Hunter-Lab	44.4485, -12.3380, -14.7816

Details

The Hex color **41839C** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9C5A41**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **78B8D3**, and **005269** is the 20% darker color. If you saturate the color by 10%, you get **317F9C**, and if you desaturate by 10%, it is **51879C**.

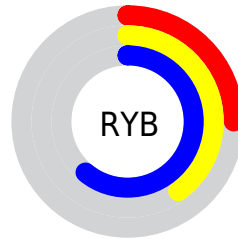
Distribution



Red (25%)

Green (51%)

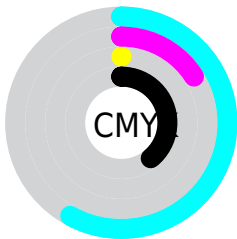
Blue (61%)



Red (25%)

Yellow (40%)

Blue (61%)

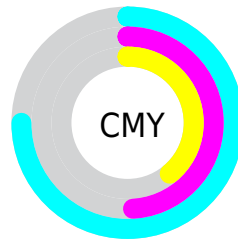


Cyan (58%)

Magenta (16%)

Yellow (0%)

Black (39%)



Cyan (75%)

Magenta (49%)

Yellow (39%)

Brightness & Saturation Gradients

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

 41839C

 41839C

FFFFFF

 226A82

 78B8D3

 005269

 94D4EF

 003A51

 B0F0FF

 002539

 CDFFFF

 000D24


 EAFFFF


 00000C

 000000

 41839C

 41839C

 317F9C

 51879C

■ 227A9C

■ 608C9C

■ 12769C

■ 70909C

■ 03729C

■ 7F949C

■ 00719C

■ 8F989C

■ 9F9D9C

■ AEA19C

■ BEA59C

■ CDAA9C

Harmonies

Analogous

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



39868C



41839C



5C7EA3

Triad

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



41839C



A16C7F



777F56

Complementary

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



41839C



9C5A41

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.



8C7952



41839C



A46D6A

Square

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



41839C



927092



9C725A



5F8463

Rectangle

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



41839C



7079A2



9C725A



7E7D53

Sweetspot

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



41839C



A7C2CC



419C59



506066



E6E6E6



666666

Same Dimension

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



41839C



3DA5CC



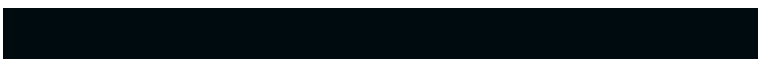
41569C



474D4F



00688F



000B0F

Inverse Universe

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



9C4183



CC3DA5



9C8741



4F474D



8F0068



0F000B

Previews

White Background



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

Color Contrast Check

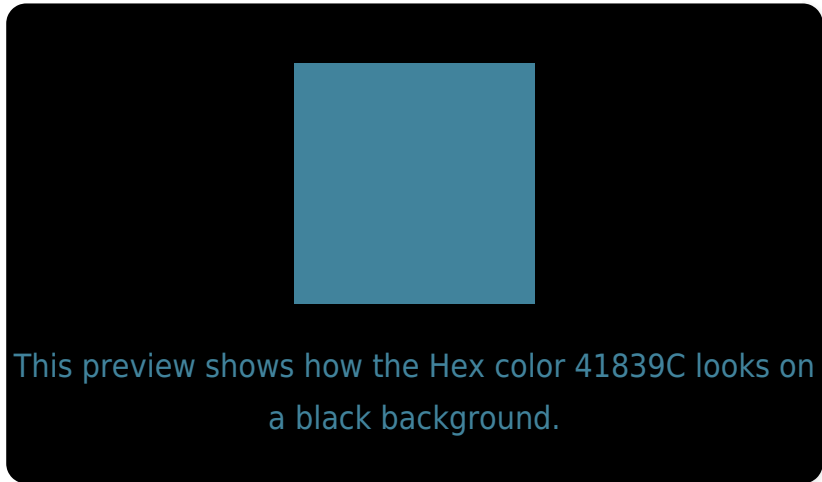
Large Text (above 18pt) WCAG AA ✓ Pass

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

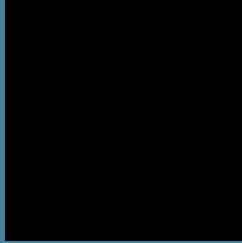
Any Text WCAG AA ✓ Pass

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 41839C Background



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

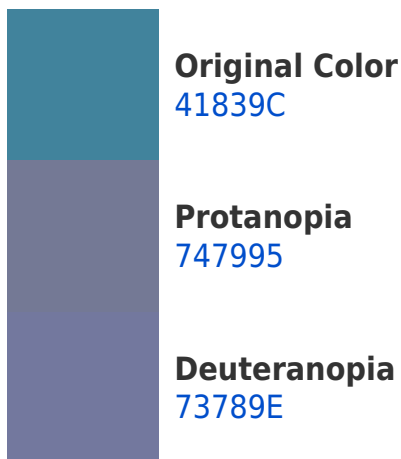


This preview shows how white text looks on a background with the Hex color 41839C.

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](#).

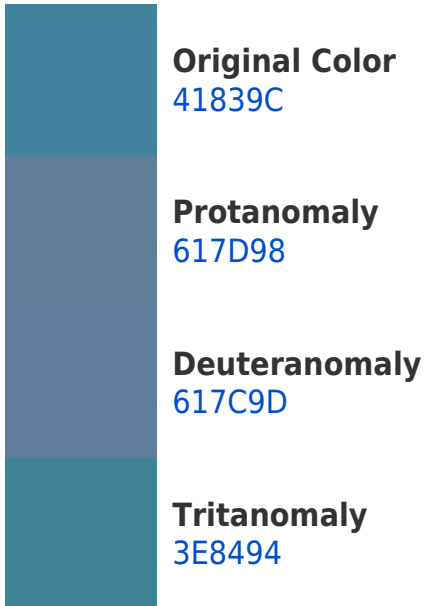
Dichromacy





Tritanopia
3C8590

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #41839C colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 41839C 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
#41839C }
```

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

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

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

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

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

Background

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

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

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

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

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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