

Converting Colors

Hex(42C39F)

Have a look what the booklet for
Hex(42C39F) contains.

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Color

Hex(42C39F)

Conversions

Conversions Part 1

Format	Color
Hex	42C39F
RGB	66, 195, 159
RGB Percent	26%, 76%, 62%
CMY	0.7412, 0.2353, 0.3765
CMYK	0.66, 0.00, 0.18, 0.24
HSL	163°, 52%, 51%
HSV	163°, 66%, 76%
XYZ	28.0199, 42.6917, 39.5644
YIQ	152.3250, -65.3280, -38.5440

Conversions

Conversions Part 2

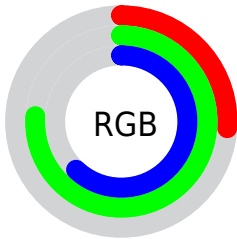
Format	Color
RYB	66, 141, 195
Decimal	4375455
CIELab	71.35, -43.72, 7.88
CIElCh	71, 44.421, 169.785
Yxy	42.6917, 0.2541, 0.3871
Android (android.graphics.Color)	4282565535 (0xFF42C39F)
YUV	152.3250, 3.2908, -75.7070
Hunter-Lab	65.3389, -37.7952, 9.8355

Details

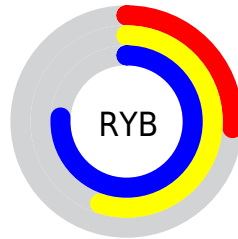
The Hex color **42C39F** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **C34266**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **80FCD6**, and **008C6C** is the 20% darker color. If you saturate the color by 10%, you get **2FC39A**, and if you desaturate by 10%, it is **56C3A4**.

Distribution



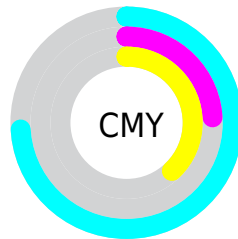
- Red (26%)
- Green (76%)
- Blue (62%)



- Red (26%)
- Yellow (55%)
- Blue (76%)



- Cyan (66%)
- Magenta (0%)
- Yellow (18%)
- Black (24%)



- Cyan (74%)
- Magenta (24%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42C39F 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 42C39F by changing the saturation by 10% instead.

 42C39F

 42C39F

FFFFFF

 18A785

 80FCD6

 008C6C

 9EFFF2

 007253

 BBFFFF

 00593C

 D9FFFF

 004027

 F7FFFF

 002B12

 000900

 000000

 42C39F

 42C39F

 2FC39A

 56C3A4

 1BC394

 69C3AA

 08C38F

 7DC3AF

 00C38D

 90C3B5

 A4C3BA

 B7C3C0

 CBC3C5

 DEC3CB

 F2C3D0

Harmonies

Analogous

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



7FBE79



42C39F



00C4C9

Triad

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



42C39F



9DA9FB



F09972

Complementary

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



42C39F



C34266

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.



FD8F95



42C39F



D49AE3

Square

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



42C39F



50B7FE



F48FBE



D4A85E

Rectangle

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



42C39F



00C2E1



F48FBE



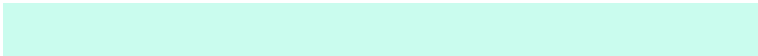
F7957D

Sweetspot

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



42C39F



CAFCEE



67C342



618077



000000



808080

Same Dimension

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



42C39F



35FCC5



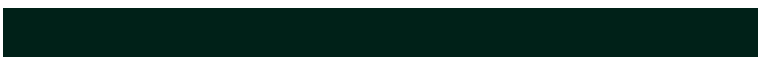
42A7C3



57615E



00A174



002118

Inverse Universe

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



C34266



FC356D



C35E42



61575A



A1002D



210009

Previews

White Background



This preview shows how the Hex color 42C39F looks on a white background.

Color Contrast Check

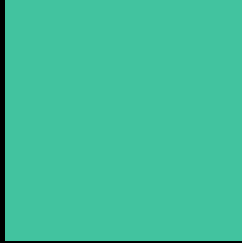
Large Text (above 18pt) WCAG AA × Fail

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 42C39F looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

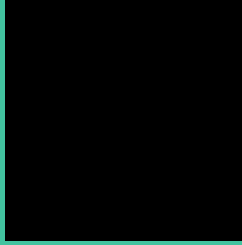
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

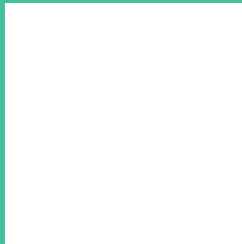
Any Text WCAG AAA ✓ Pass

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

Hex 42C39F Background



This preview shows how black text looks on a background with the Hex color 42C39F.

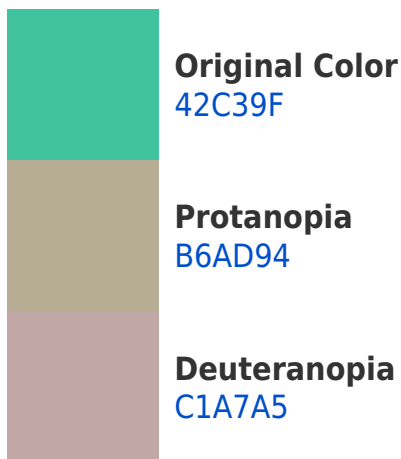


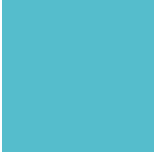
This preview shows how white text looks on a background with the Hex color 42C39F.

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





Trichromacy



Original Color
42C39F



Protanomaly
8CB598



Deuteranomaly
93B1A3



Tritanomaly
4EBFBC

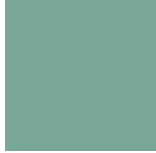
Monochromacy



Original Color
42C39F



Achromatopsia
989898



Achromatomaly
79A89B

CSS Examples

Text

The CSS property to change the color of the text to Hex 42C39F 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 #42C39F looks like.

```
.text, #text, p{  
    color:#42C39F  
}
```

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 #42C39F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42C39F
}
```

Border

The CSS property to change the border of an element to Hex 42C39F 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
#42C39F }
```

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

```
.border{ border-color:#42C39F }
```

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

Here you see how a box with a 4 pixel #42C39F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42C39F; -webkit-box-shadow:4px 4px  
4px 4px #42C39F; box-shadow:4px 4px 4px  
4px #42C39F }
```

Background

The CSS property to change the background color of an element to Hex 42C39F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42C39F }
```

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

```
.background{ background-color:#42C39F }
```

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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