

Converting Colors

Hex(4CC1A3)

Have a look what the booklet for
Hex(4CC1A3) contains.

Hex(4CC1A3)	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(4CC1A3)

Conversions

Conversions Part 1

Format	Color
Hex	4CC1A3
RGB	76, 193, 163
RGB Percent	30%, 76%, 64%
CMY	0.7020, 0.2431, 0.3608
CMYK	0.61, 0.00, 0.16, 0.24
HSL	165°, 49%, 53%
HSV	165°, 61%, 76%
XYZ	28.6613, 42.3208, 41.3084
YIQ	154.5970, -60.1020, -34.1340

Conversions

Conversions Part 2

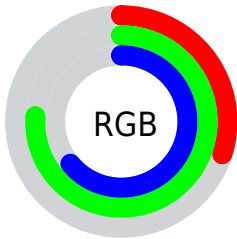
Format	Color
RYB	76, 143, 193
Decimal	5030307
CIELab	71.09, -40.10, 5.37
CIElCh	71, 40.461, 172.369
Yxy	42.3208, 0.2552, 0.3769
Android (android.graphics.Color)	4283220387 (0xFF4CC1A3)
YUV	154.5970, 4.1427, -68.9296
Hunter-Lab	65.0544, -35.2027, 7.8900

Details

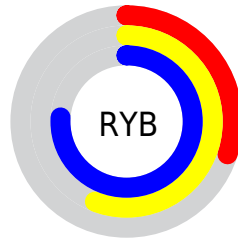
The Hex color **4CC1A3** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **C14C6A**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **88FADA**, and **008B6F** is the 20% darker color. If you saturate the color by 10%, you get **39C19E**, and if you desaturate by 10%, it is **5FC1A8**.

Distribution



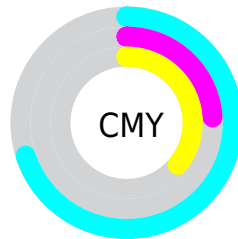
- Red (30%)
- Green (76%)
- Blue (64%)



- Red (30%)
- Yellow (56%)
- Blue (76%)



- Cyan (61%)
- Magenta (0%)
- Yellow (16%)
- Black (24%)



- Cyan (70%)
- Magenta (24%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CC1A3 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 4CC1A3 by changing the saturation by 10% instead.



4CC1A3



4CC1A3

FFFFFF



2AA589



88FADA



008B6F



A5FFF6



007157



C2FFFF



005740



E0FFFF



003F2A

FEFFFF



002915



000700



000000



4CC1A3



4CC1A3

■ 39C19E

■ 5FC1A8

■ 25C199

■ 73C1AD

■ 12C194

■ 86C1B2

■ 00C190

■ 99C1B7

■ ACC1BC

■ C0C1C1

■ D3C1C6

■ E6C1CB

■ FAC1D0

Harmonies

Analogous

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



7FBD80



4CC1A3



00C1C9

Triad

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



4CC1A3



A4A8F2



E99C75

Complementary

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



4CC1A3



C14C6A

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.



F59294



4CC1A3



D39BDB

Square

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



4CC1A3



65B5F7



EF92B9



CEA965

Rectangle

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



4CC1A3



00BFD9



EF92B9



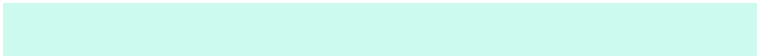
EF987E

Sweetspot

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



4CC1A3



CDFAE6



6BC14C



617D76



FCFCFC



7D7D7D

Same Dimension

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



4CC1A3



43FACB



4CA6C1



57615E



00A177



002119

Inverse Universe

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



C14C6A



FA4372



C1674C



61575A



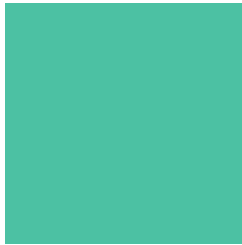
A10029



210009

Previews

White Background



This preview shows how the Hex color 4CC1A3 looks on a white background.

Color Contrast Check

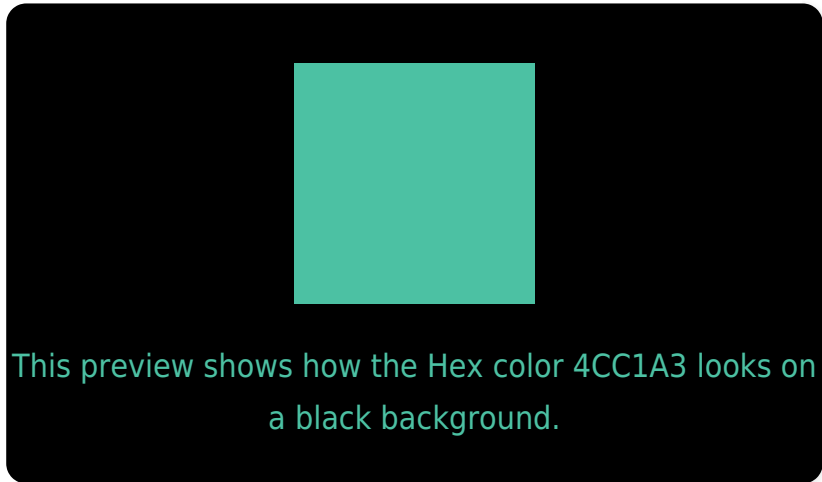
Large Text (above 18pt) WCAG AA × Fail

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

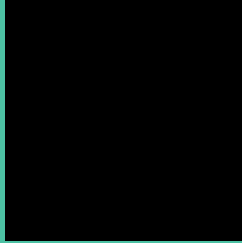
Any Text WCAG AA ✓ Pass

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 4CC1A3 Background



This preview shows how black text looks on a background with the Hex color 4CC1A3.

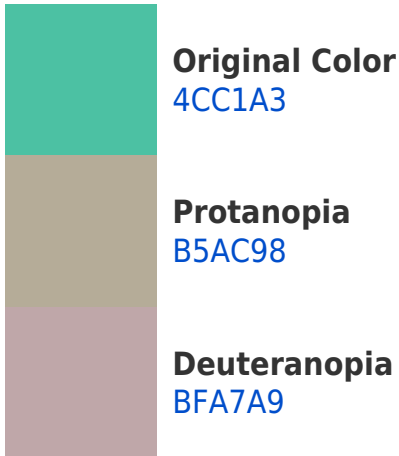


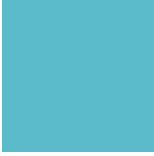
This preview shows how white text looks on a background with the Hex color 4CC1A3.

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
5BBBCB

Trichromacy



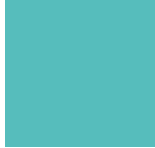
Original Color
4CC1A3



Protanomaly
8FB49C



Deuteranomaly
95B0A7



Tritanomaly
56BDBC

Monochromacy



Original Color
4CC1A3



Achromatopsia
9B9B9B



Achromatomaly
7EA99E

CSS Examples

Text

The CSS property to change the color of the text to Hex 4CC1A3 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 #4CC1A3 looks like.

```
.text, #text, p{  
    color:#4CC1A3  
}
```

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 #4CC1A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CC1A3
}
```

Border

The CSS property to change the border of an element to Hex 4CC1A3 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
#4CC1A3 }
```

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

```
.border{ border-color:#4CC1A3 }
```

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

Here you see how a box with a 4 pixel #4CC1A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CC1A3; -webkit-box-shadow:4px 4px  
4px 4px #4CC1A3; box-shadow:4px 4px 4px  
4px #4CC1A3 }
```

Background

The CSS property to change the background color of an element to Hex 4CC1A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CC1A3 }
```

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

```
.background{ background-color:#4CC1A3 }
```

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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