

Converting Colors

Hex(3AC2A0)

Have a look what the booklet for
Hex(3AC2A0) contains.

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Color

Hex(3AC2A0)

Conversions

Conversions Part 1

Format	Color
Hex	3AC2A0
RGB	58, 194, 160
RGB Percent	23%, 76%, 63%
CMY	0.7725, 0.2392, 0.3725
CMYK	0.70, 0.00, 0.18, 0.24
HSL	165°, 54%, 49%
HSV	165°, 70%, 76%
XYZ	27.3819, 42.0212, 39.9254
YIQ	149.4600, -70.1420, -39.4060

Conversions

Conversions Part 2

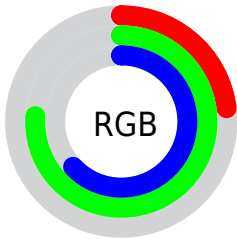
Format	Color
RYB	58, 136, 194
Decimal	3850912
CIELab	70.89, -44.28, 6.65
CIELCh	71, 44.777, 171.457
Yxy	42.0212, 0.2505, 0.3844
Android (android.graphics.Color)	4282040992 (0xFF3AC2A0)
YUV	149.4600, 5.1962, -80.2104
Hunter-Lab	64.8237, -38.0423, 8.8595

Details

The Hex color **3AC2A0** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **C23A5C**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **7BFBD7**, and **008B6D** is the 20% darker color. If you saturate the color by 10%, you get **27C29B**, and if you desaturate by 10%, it is **4DC2A5**.

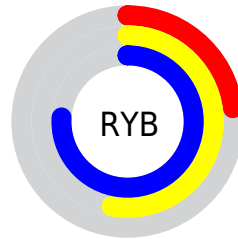
Distribution



Red (23%)

Green (76%)

Blue (63%)



Red (23%)

Yellow (53%)

Blue (76%)

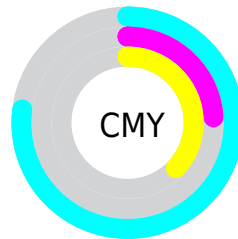


Cyan (70%)

Magenta (0%)

Yellow (18%)

Black (24%)



Cyan (77%)

Magenta (24%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3AC2A0 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 3AC2A0 by changing the saturation by 10% instead.



3AC2A0



3AC2A0

FFFFFF



01A686



7BFBD7



008B6D



99FFF3



007154



B6FFFF



00583D



D4FFFF



003F27



F3FFFF



002A13



000600



000000



3AC2A0



3AC2A0

■ 27C29B

■ 4DC2A5

■ 13C296

■ 61C2AA

■ 00C292

■ 74C2AF

■ 88C2B3

■ 9BC2B8

■ AEC2BD

■ C2C2C2

■ D5C2C7

■ E9C2CC

Harmonies

Analogous

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



7ABD79



3AC2A0



00C2CA

Triad

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



3AC2A0



A0A7F9



EE996F

Complementary

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



3AC2A0



C23A5C

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.



FC8E92



3AC2A0



D598E1

Square

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



3AC2A0



52B5FE



F48EBB



D1A75C

Rectangle

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



3AC2A0



00C0E2



F48EBB



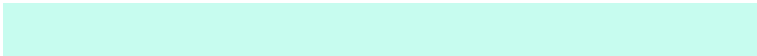
F59479

Sweetspot

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



3AC2A0



C7FCEF



5CC23A



608078



000000



808080

Same Dimension

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



3AC2A0



28FCC7



3AA0C2



57615E



00A178



002119

Inverse Universe

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



C23A5C



FC285D



C25C3A



61575A



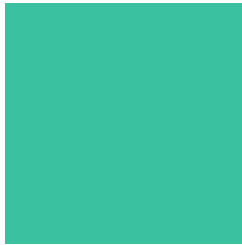
A10028



210008

Previews

White Background



This preview shows how the Hex color 3AC2A0 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 3AC2A0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

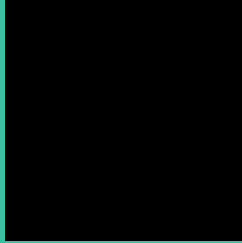
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

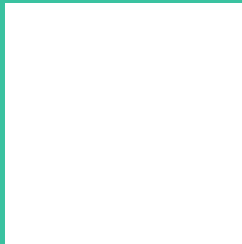
Any Text WCAG AAA ✓ Pass

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

Hex 3AC2A0 Background



This preview shows how black text looks on a background with the Hex color 3AC2A0.

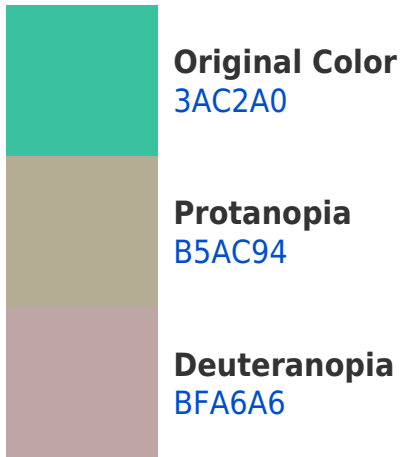


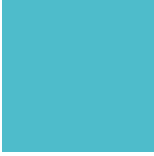
This preview shows how white text looks on a background with the Hex color 3AC2A0.

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
4EBCCB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3AC2A0 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 #3AC2A0 looks like.

```
.text, #text, p{  
    color:#3AC2A0  
}
```

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 #3AC2A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3AC2A0  
}
```

Border

The CSS property to change the border of an element to Hex 3AC2A0 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  
#3AC2A0 }
```

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

```
.border{ border-color:#3AC2A0 }
```

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

Here you see how a box with a 4 pixel #3AC2A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3AC2A0; -webkit-box-shadow:4px 4px  
4px 4px #3AC2A0; box-shadow:4px 4px 4px  
4px #3AC2A0 }
```

Background

The CSS property to change the background color of an element to Hex 3AC2A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3AC2A0 }
```

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

```
.background{ background-color:#3AC2A0 }
```

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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