

Converting Colors

Hex(3DAC9C)

Have a look what the booklet for
Hex(3DAC9C) contains.

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Color

Hex(3DAC9C)

Conversions

Conversions Part 1

Format	Color
Hex	3DAC9C
RGB	61, 172, 156
RGB Percent	24%, 67%, 61%
CMY	0.7608, 0.3255, 0.3882
CMYK	0.65, 0.00, 0.09, 0.33
HSL	171°, 48%, 46%
HSV	171°, 65%, 67%
XYZ	22.6777, 32.8974, 36.6071
YIQ	136.9870, -61.0200, -28.5080

Conversions

Conversions Part 2

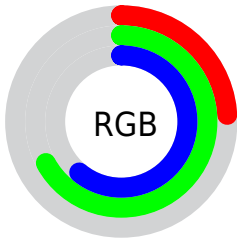
Format	Color
RYB	61, 121, 172
Decimal	4041884
CIELab	64.08, -35.05, -1.00
CIELCh	64, 35.062, 181.641
Yxy	32.8974, 0.2460, 0.3569
Android (android.graphics.Color)	4282231964 (0xFF3DAC9C)
YUV	136.9870, 9.3734, -66.6406
Hunter-Lab	57.3563, -29.7975, 2.3082

Details

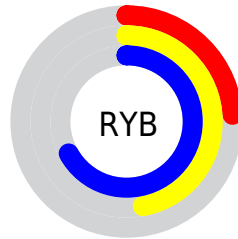
The Hex color **3DAC9C** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AC3D4D**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **79E4D2**, and **007769** is the 20% darker color. If you saturate the color by 10%, you get **2CAC9A**, and if you desaturate by 10%, it is **4EAC9E**.

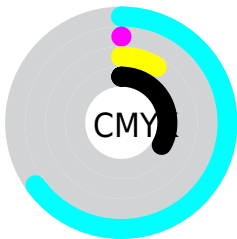
Distribution



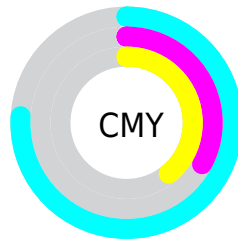
- Red (24%)
- Green (67%)
- Blue (61%)



- Red (24%)
- Yellow (47%)
- Blue (67%)



- Cyan (65%)
- Magenta (0%)
- Yellow (9%)
- Black (33%)



- Cyan (76%)
- Magenta (33%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DAC9C 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 3DAC9C by changing the saturation by 10% instead.

 3DAC9C

 3DAC9C

FFFFFF

 159182

 79E4D2

 007769

 96FEEF

 005E51

 B3FFFF

 00453A

 D1FFFF

 002E24

 EEEFFF

 001710

 000000

 3DAC9C

 3DAC9C

 2CAC9A

 4EAC9E

■ 1BAC97

■ 5FACA1

■ 09AC95

■ 71ACA3

■ 00AC93

■ 82ACA6

■ 93ACA8

■ A4ACAB

■ B5ACAD

■ C7ACB0

■ D8ACB2

Harmonies

Analogous

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



68A97D



3DAC9C



14ABBB

Triad

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



3DAC9C



A193D1



C88F65

Complementary

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



3DAC9C



AC3D4D

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.



D7867C



3DAC9C



C488BA

Square

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



3DAC9C



719ED9



D6839B



AE9A5C

Rectangle

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



3DAC9C



26A8CB



D6839B



CE8C6B

Sweetspot

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



3DAC9C



B6E0DA



4EAC3D



56706C



F0F0F0



707070

Same Dimension

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



3DAC9C



34E0C7



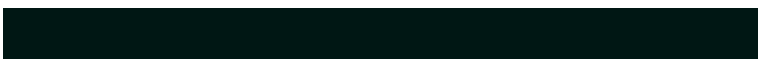
3D85AC



4E5755



009681



001714

Inverse Universe

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



AC3D4D



E0344D



AC643D



574E4F



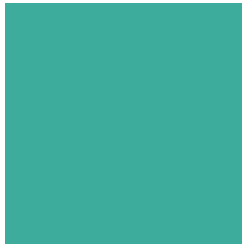
960016



170003

Previews

White Background



This preview shows how the Hex color 3DAC9C looks on a white background.

Color Contrast Check

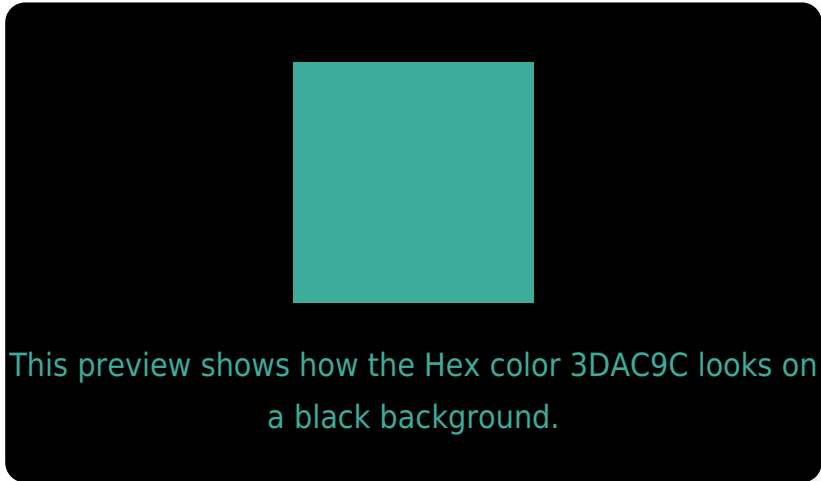
Large Text (above 18pt) WCAG AA × Fail

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 3DAC9C Background



This preview shows how black text looks on a background with the Hex color 3DAC9C.

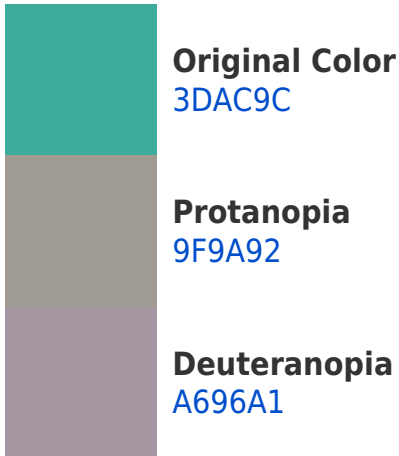


This preview shows how white text looks on a background with the Hex color 3DAC9C.

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
49A8B6

Trichromacy



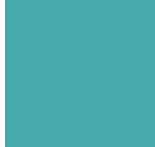
Original Color
3DAC9C



Protanomaly
7BA196



Deuteranomaly
809E9F



Tritanomaly
45A9AD

Monochromacy



Original Color
3DAC9C



Achromatopsia
898989



Achromatomaly
6D9690

CSS Examples

Text

The CSS property to change the color of the text to Hex 3DAC9C 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 #3DAC9C looks like.

```
.text, #text, p{  
    color:#3DAC9C  
}
```

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 #3DAC9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DAC9C
}
```

Border

The CSS property to change the border of an element to Hex 3DAC9C 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
#3DAC9C }
```

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

```
.border{ border-color:#3DAC9C }
```

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

Here you see how a box with a 4 pixel #3DAC9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DAC9C; -webkit-box-shadow:4px 4px  
4px 4px #3DAC9C; box-shadow:4px 4px 4px  
4px #3DAC9C }
```

Background

The CSS property to change the background color of an element to Hex 3DAC9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DAC9C }
```

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

```
.background{ background-color:#3DAC9C }
```

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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