

Converting Colors

Hex(3AA1A1)

Have a look what the booklet for
Hex(3AA1A1) contains.

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Color

Hex(3AA1A1)

Conversions

Conversions Part 1

Format	Color
Hex	3AA1A1
RGB	58, 161, 161
RGB Percent	23%, 63%, 63%
CMY	0.7725, 0.3686, 0.3686
CMYK	0.64, 0.00, 0.00, 0.37
HSL	180°, 47%, 43%
HSV	180°, 64%, 63%
XYZ	20.9228, 28.9625, 38.2058
YIQ	130.2030, -61.3880, -21.8360

Conversions

Conversions Part 2

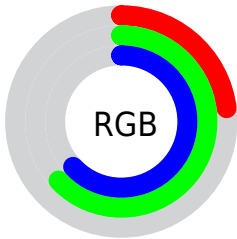
Format	Color
RYB	58, 110, 161
Decimal	3842465
CIELab	60.75, -28.91, -8.74
CIELCh	61, 30.204, 196.820
Yxy	28.9625, 0.2375, 0.3288
Android (android.graphics.Color)	4282032545 (0xFF3AA1A1)
YUV	130.2030, 15.1829, -63.3220
Hunter-Lab	53.8168, -24.7825, -4.4196

Details

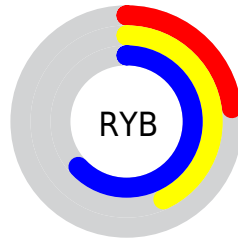
The Hex color **3AA1A1** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A13A3A**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **76D8D8**, and **006D6E** is the 20% darker color. If you saturate the color by 10%, you get **2AA1A1**, and if you desaturate by 10%, it is **4AA1A1**.

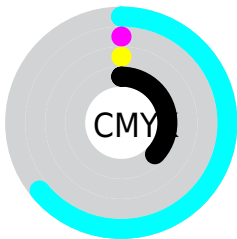
Distribution



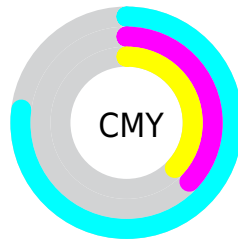
- Red (23%)
- Green (63%)
- Blue (63%)



- Red (23%)
- Yellow (43%)
- Blue (63%)



- Cyan (64%)
- Magenta (0%)
- Yellow (0%)
- Black (37%)



- Cyan (77%)
- Magenta (37%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3AA1A1 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 3AA1A1 by changing the saturation by 10% instead.



3AA1A1



3AA1A1

FFFFFF



118787



76D8D8



006D6E



93F5F4



005455



B0FFFF



003C3E



CDFFFF



002628



EBFFFF



000614



000000



3AA1A1



3AA1A1



2AA1A1



4AA1A1

■ 1AA1A1

■ 5AA1A1

■ 0AA1A1

■ 6AA1A1

■ 00A1A1

■ 7AA1A1

■ 8BA1A1

■ 9BA1A1

■ ABA1A1

■ BBA1A1

■ CBA1A1

Harmonies

Analogous

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



57A085



3AA1A1



399EB9

Triad

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



3AA1A1



A886B7



AF8D5F

Complementary

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



3AA1A1



A13A3A

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.



C1846D



3AA1A1



BF809F

Square

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



3AA1A1



8590C5



C77F84



96965F

Rectangle

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



3AA1A1



4E9BC3



C77F84



B68A62

Sweetspot

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



3AA1A1



A9D1D1



3AA13A



516969



E8E8E8



696969

Same Dimension

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



3AA1A1



30D1D1



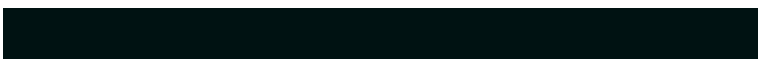
3A6EA1



495252



009191



001212

Inverse Universe

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



A13AA1



D130D1



A16E3A



524952



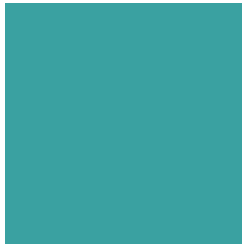
910091



120012

Previews

White Background



This preview shows how the Hex color 3AA1A1 looks on a white background.

Color Contrast Check

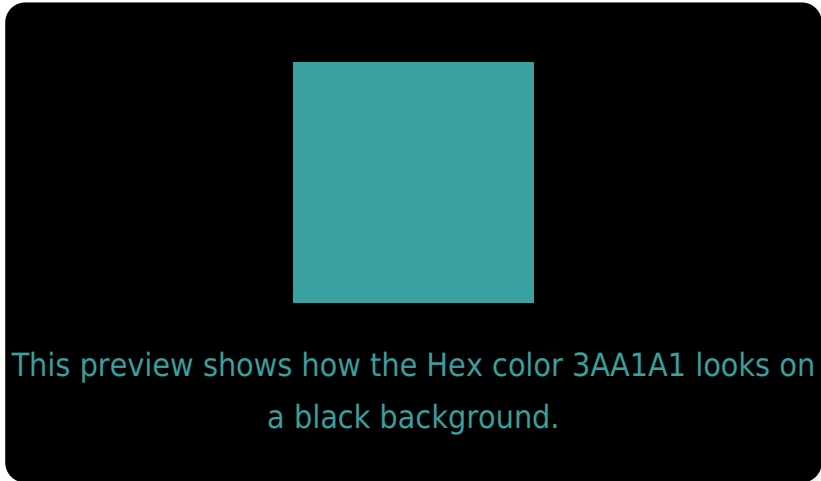
Large Text (above 18pt) WCAG AA ✓ Pass

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 3AA1A1 Background



This preview shows how black text looks on a background with the Hex color 3AA1A1.

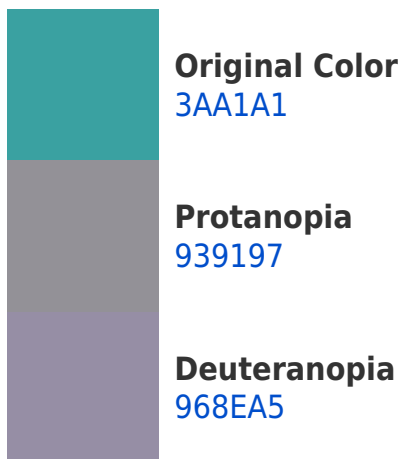


This preview shows how white text looks on a background with the Hex color 3AA1A1.

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
3F9FAC

Trichromacy



Original Color
3AA1A1



Protanomaly
73979B



Deuteranomaly
7595A4



Tritanomaly
3DA0A8

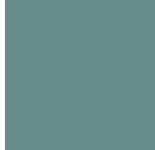
Monochromacy



Original Color
3AA1A1



Achromatopsia
828282



Achromatomaly
688D8D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3AA1A1 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 #3AA1A1 looks like.

```
.text, #text, p{  
    color:#3AA1A1  
}
```

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 #3AA1A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3AA1A1
}
```

Border

The CSS property to change the border of an element to Hex 3AA1A1 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
#3AA1A1 }
```

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

```
.border{ border-color:#3AA1A1 }
```

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

Here you see how a box with a 4 pixel #3AA1A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3AA1A1; -webkit-box-shadow:4px 4px  
4px 4px #3AA1A1; box-shadow:4px 4px 4px  
4px #3AA1A1 }
```

Background

The CSS property to change the background color of an element to Hex 3AA1A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3AA1A1 }
```

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

```
.background{ background-color:#3AA1A1 }
```

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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