

# Converting Colors

Hex(3AA18B)

Have a look what the booklet for  
Hex(3AA18B) contains.

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# Color

Hex(3AA18B)

# Conversions

## Conversions Part 1

Format	Color
Hex	3AA18B
RGB	58, 161, 139
RGB Percent	23%, 63%, 55%
CMY	0.7725, 0.3686, 0.4549
CMYK	0.64, 0.00, 0.14, 0.37
HSL	167°, 47%, 43%
HSV	167°, 64%, 63%
XYZ	19.1500, 28.2534, 28.8702
YIQ	127.6950, -54.3260, -28.6780

# Conversions

## Conversions Part 2

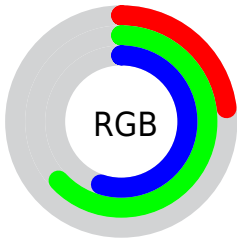
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 116, 161
Decimal	3842443
CIELab	60.12, -34.97, 2.75
CIElCh	60, 35.077, 175.505
Yxy	28.2534, 0.2511, 0.3704
Android (android.graphics.Color)	4282032523 (0xFF3AA18B)
YUV	127.6950, 5.5734, -61.1225
Hunter-Lab	53.1539, -28.7103, 5.0047

# Details

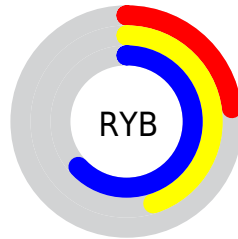
The Hex color **3AA18B** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A13A50**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **75D8C0**, and **006D59** is the 20% darker color. If you saturate the color by 10%, you get **2AA188**, and if you desaturate by 10%, it is **4AA18E**.

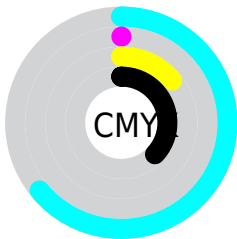
# Distribution



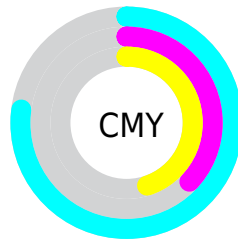
- Red (23%)
- Green (63%)
- Blue (55%)



- Red (23%)
- Yellow (45%)
- Blue (63%)



- Cyan (64%)
- Magenta (0%)
- Yellow (14%)
- Black (37%)



- Cyan (77%)
- Magenta (37%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3AA18B 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 3AA18B by changing the saturation by 10% instead.



 3AA18B

 3AA18B

FFFFFF

 148672

 75D8C0

 006D59

 91F5DC

 005442

 AEFFF9

 003C2C

 CBFFFF

 002617

 E8FFFF

 000100

 000000

 3AA18B

 3AA18B

 2AA188

 4AA18E

■ 1AA184

■ 5AA192

■ 0AA181

■ 6AA195

■ 00A17F

■ 7AA199

■ 8BA19C

■ 9BA1A0

■ ABA1A3

■ BBA1A7

■ CBA1AA

# Harmonies

## Analogous

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



669E6D



3AA18B



00A1AA

# Triad

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



3AA18B



8D8BC9



C1835F

# Complementary

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



3AA18B



A13A50

# 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.



CC7A78



3AA18B



B380B4

# Square

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



3AA18B



5A95CE



C97997



A98D53

# Rectangle

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



3AA18B



009FBC



C97997



C67F66



# Sweetspot

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



3AA18B



A9D1C9



50A13A



516963



E8E8E8



696969



# Same Dimension

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



3AA18B



30D1AF



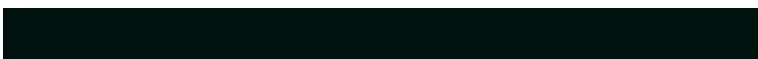
3A84A1



495250



009172



00120E



# Inverse Universe

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



A13A50



D13052



A1573A



52494B



91001F

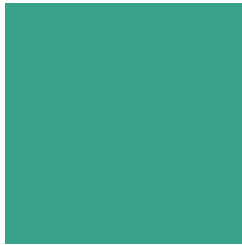


120004



# Previews

## White Background



This preview shows how the Hex color 3AA18B looks on a white background.

## Color Contrast Check

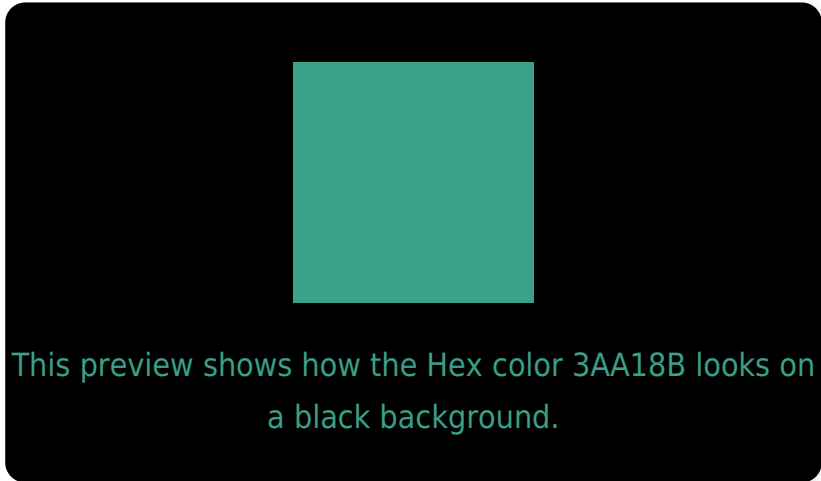
Large Text (above 18pt) WCAG AA ✓ Pass

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

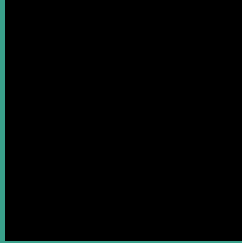
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 3AA18B Background



This preview shows how black text looks on a background with the Hex color 3AA18B.

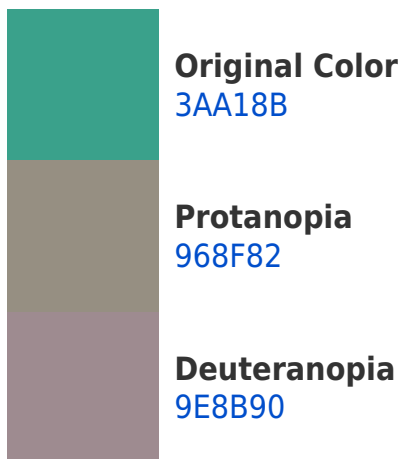


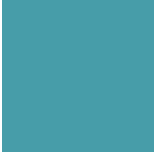
This preview shows how white text looks on a background with the Hex color 3AA18B.

# 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**  
479DA9

# Trichromacy



**Original Color**  
3AA18B



**Protanomaly**  
759685



**Deuteranomaly**  
7A938E



**Tritanomaly**  
429E9E

# Monochromacy



**Original Color**  
3AA18B



**Achromatopsia**  
808080



**Achromatomaly**  
678C84

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3AA18B 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 #3AA18B looks like.

```
.text, #text, p{  
    color:#3AA18B  
}
```

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 #3AA18B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3AA18B
}
```

## Border

The CSS property to change the border of an element to Hex 3AA18B 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
#3AA18B }
```

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

```
.border{ border-color:#3AA18B }
```

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

Here you see how a box with a 4 pixel #3AA18B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3AA18B; -webkit-box-shadow:4px 4px  
4px 4px #3AA18B; box-shadow:4px 4px 4px  
4px #3AA18B }
```

# Background

The CSS property to change the background color of an element to Hex 3AA18B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3AA18B }
```

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

```
.background{ background-color:#3AA18B }
```

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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