

Converting Colors

Hex(3AA08B)

Have a look what the booklet for
Hex(3AA08B) contains.

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Color

Hex(3AA08B)

Conversions

Conversions Part 1

Format	Color
Hex	3AA08B
RGB	58, 160, 139
RGB Percent	23%, 63%, 55%
CMY	0.7725, 0.3725, 0.4549
CMYK	0.64, 0.00, 0.13, 0.37
HSL	168°, 47%, 43%
HSV	168°, 64%, 63%
XYZ	18.9759, 27.9052, 28.8122
YIQ	127.1080, -54.0510, -28.1550

Conversions

Conversions Part 2

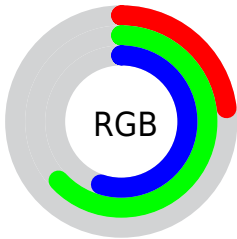
Format	Color
RYB	58, 115, 160
Decimal	3842187
CIELab	59.80, -34.51, 2.29
CIElCh	60, 34.583, 176.197
Yxy	27.9052, 0.2507, 0.3687
Android (android.graphics.Color)	4282032267 (0xFF3AA08B)
YUV	127.1080, 5.8628, -60.6077
Hunter-Lab	52.8254, -28.3237, 4.6396

Details

The Hex color **3AA08B** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A03A4F**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **74D7C0**, and **006C59** is the 20% darker color. If you saturate the color by 10%, you get **2AA088**, and if you desaturate by 10%, it is **4AA08E**.

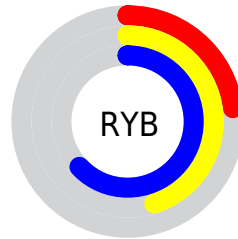
Distribution



Red (23%)

Green (63%)

Blue (55%)



Red (23%)

Yellow (45%)

Blue (63%)

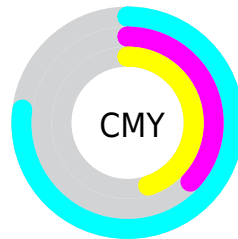


Cyan (64%)

Magenta (0%)

Yellow (13%)

Black (37%)



Cyan (77%)

Magenta (37%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3AA08B 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 3AA08B by changing the saturation by 10% instead.

3AA08B

3AA08B

FFFFFF

148572

74D7C0

006C59

91F4DC

005342

AFFFF9

003B2C

CBFFFF

002617

E8FFFF

000000

3AA08B

3AA08B

2AA088

4AA08E

1AA084

5AA092

0AA081

6AA095

00A07F

7AA098

8AA09B

9AA09F

AAA0A2

BAA0A5

CAA0A9

Harmonies

Analogous

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



659D6D



3AA08B



00A0AA

Triad

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



3AA08B



8E8AC7



BF825E

Complementary

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



3AA08B



A03A4F

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.



CB7A77



3AA08B



B37FB2

Square

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



3AA08B



5C94CC



C77895



A78D53

Rectangle

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



3AA08B



009EBB



C77895



C47F65

Sweetspot

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



3AA08B



A9D1C9



50A03A



516964



E8E8E8



696969

Same Dimension

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



3AA08B



30D1B0



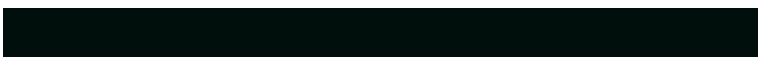
3A83A0



474F4D



008F71



000F0C

Inverse Universe

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



A03A4F



D13051



A0573A



4F4749



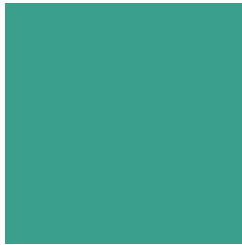
8F001D



0F0003

Previews

White Background



This preview shows how the Hex color 3AA08B looks on a white background.

Color Contrast Check

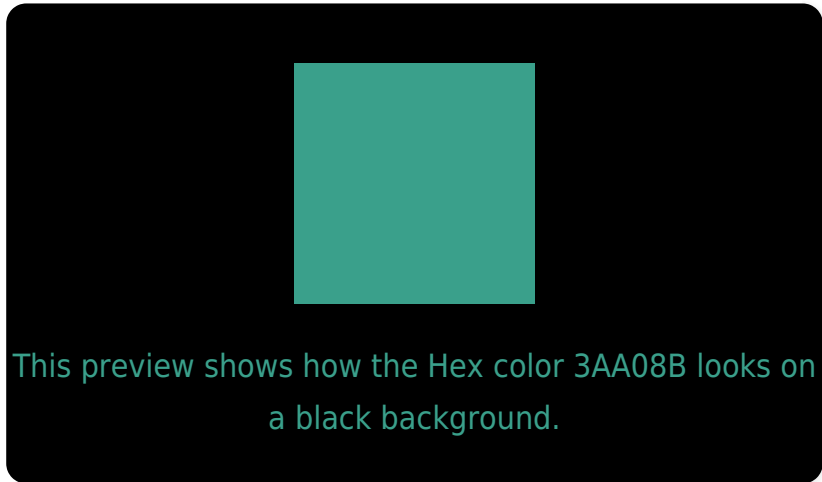
Large Text (above 18pt) WCAG AA ✓ Pass

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 3AA08B Background



This preview shows how black text looks on a background with the Hex color 3AA08B.

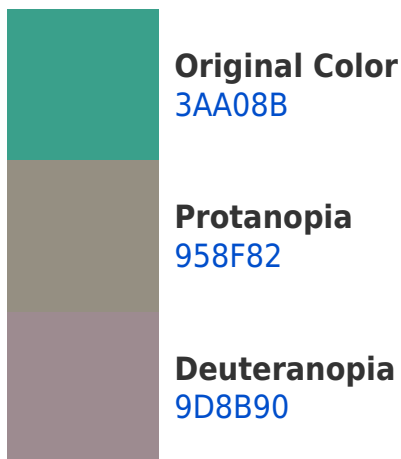


This preview shows how white text looks on a background with the Hex color 3AA08B.

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



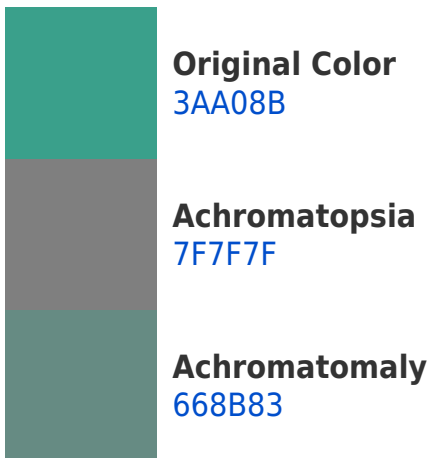


Tritanopia
469CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3AA08B 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 #3AA08B looks like.

```
.text, #text, p{  
    color:#3AA08B  
}
```

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 #3AA08B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3AA08B
}
```

Border

The CSS property to change the border of an element to Hex 3AA08B 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
#3AA08B }
```

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

```
.border{ border-color:#3AA08B }
```

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

Here you see how a box with a 4 pixel #3AA08B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3AA08B; -webkit-box-shadow:4px 4px  
4px 4px #3AA08B; box-shadow:4px 4px 4px  
4px #3AA08B }
```

Background

The CSS property to change the background color of an element to Hex 3AA08B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3AA08B }
```

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

```
.background{ background-color:#3AA08B }
```

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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