

Converting Colors

Hex(3AAAA2)

Have a look what the booklet for
Hex(3AAAA2) contains.

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Color

Hex(3AAAA2)

Conversions

Conversions Part 1

Format	Color
Hex	3AAAA2
RGB	58, 170, 162
RGB Percent	23%, 67%, 64%
CMY	0.7725, 0.3333, 0.3647
CMYK	0.66, 0.00, 0.05, 0.33
HSL	176°, 49%, 45%
HSV	176°, 66%, 67%
XYZ	22.6412, 32.2576, 39.2154
YIQ	135.6000, -64.1840, -26.2320

Conversions

Conversions Part 2

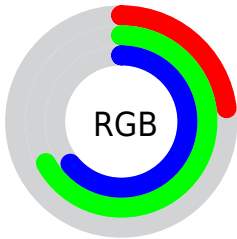
Format	Color
RYB	58, 116, 170
Decimal	3844770
CIELab	63.56, -32.96, -5.13
CIElCh	64, 33.359, 188.851
Yxy	32.2576, 0.2406, 0.3427
Android (android.graphics.Color)	4282034850 (0xFF3AAAA2)
YUV	135.6000, 13.0152, -68.0552
Hunter-Lab	56.7958, -28.2349, -1.1805

Details

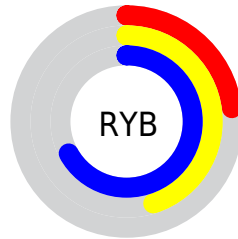
The Hex color **3AAAA2** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AA3A42**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **77E2D9**, and **00756E** is the 20% darker color. If you saturate the color by 10%, you get **29AAA1**, and if you desaturate by 10%, it is **4BAAA3**.

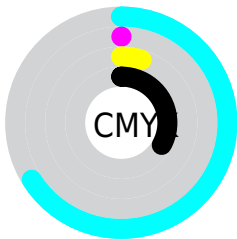
Distribution



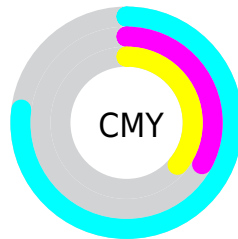
- Red (23%)
- Green (67%)
- Blue (64%)



- Red (23%)
- Yellow (45%)
- Blue (67%)



- Cyan (66%)
- Magenta (0%)
- Yellow (5%)
- Black (33%)



- Cyan (77%)
- Magenta (33%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3AAAA2 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 3AAAA2 by changing the saturation by 10% instead.

 3AAAA2

 3AAAA2

FFFFFF

 0D8F88

 77E2D9

 00756E

 94FFF5

 005C56

 B2FFFF

 00443F

 CFFFFF

 002D29

 EDFFFF

 001515

 000000

 3AAAA2

 3AAAA2

 29AAA1

 4BAAA3

■ 18AAA0

■ 5CAAA4

■ 07AA9E

■ 6DAAA6

■ 00AA9E

■ 7EAAA7

■ 8FAAA8

■ A0AAA9

■ B1AAAA

■ C2AAAC

■ D3AAAD

Harmonies

Analogous

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



60A884



3A8AA2



27A8BE

Triad

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



3A8AA2



A98FC8



C09163

Complementary

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



3A AAA2



AA3A42

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.



D18776



3AAAA2



C786B0

Square

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



3A AAAA2



7E9AD4



D48392



A59B5F

Rectangle

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



3A AAA2



3DA5CC



D48392



C78D68

Sweetspot

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



3AAAA2



B1DEDB



43AA3A



55706E



F0F0F0



707070

Same Dimension

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



3AAAA2



2FDED1



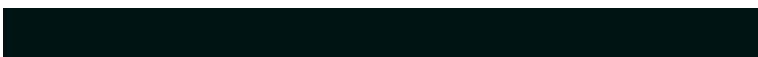
3A7BAA



4C5454



009489



001413

Inverse Universe

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



AA3A42



DE2F3B



AA693A



544C4C



94000B



140001

Previews

White Background



This preview shows how the Hex color 3AAAA2 looks on a white background.

Color Contrast Check

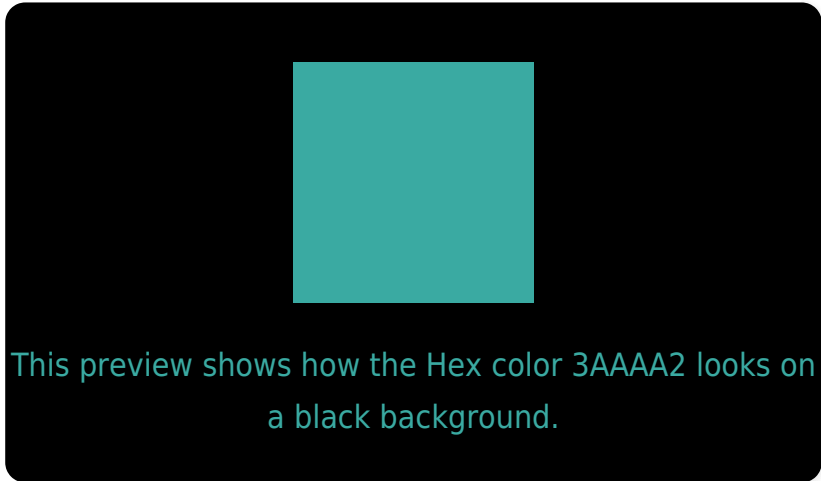
Large Text (above 18pt) WCAG AA × Fail

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

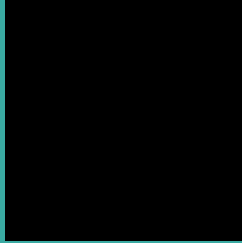
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

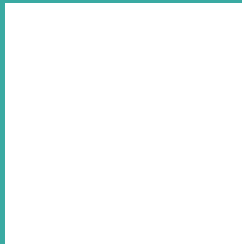
Any Text WCAG AAA ✓ Pass

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

Hex 3AAAA2 Background



This preview shows how black text looks on a background with the Hex color 3AAAA2.

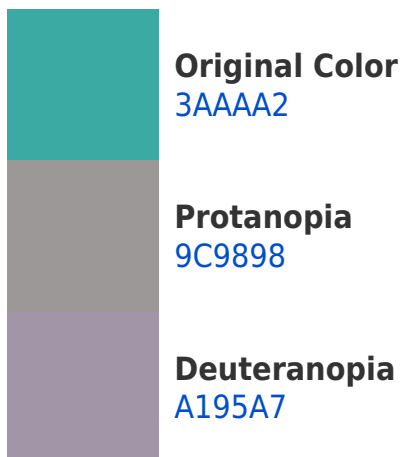


This preview shows how white text looks on a background with the Hex color 3AAAA2.

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](#).

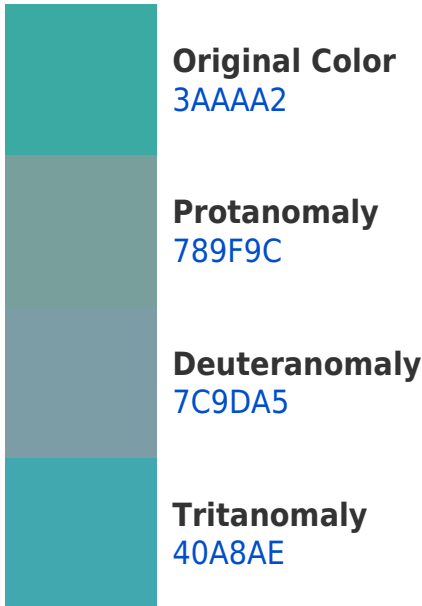
Dichromacy



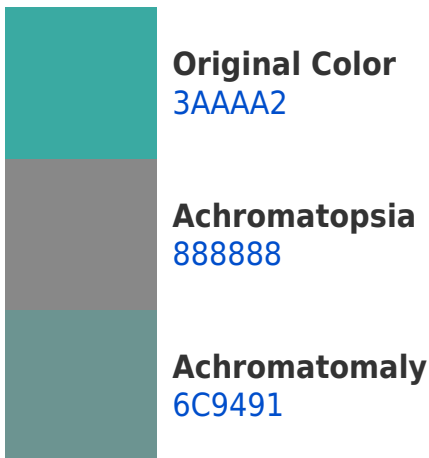


Tritanopia
43A7B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3AAAA2 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 #3AAAA2 looks like.

```
.text, #text, p{  
    color:#3AAAA2  
}
```

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 #3AAAA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3AAAA2
}
```

Border

The CSS property to change the border of an element to Hex 3AAAA2 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
#3AAAA2 }
```

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

```
.border{ border-color:#3AAAA2 }
```

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

Here you see how a box with a 4 pixel #3AAAA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3AAAA2; -webkit-box-shadow:4px 4px  
4px 4px #3AAAA2; box-shadow:4px 4px 4px  
4px #3AAAA2 }
```

Background

The CSS property to change the background color of an element to Hex 3AAAA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3AAAA2 }
```

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

```
.background{ background-color:#3AAAA2 }
```

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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