

Converting Colors

Hex(5AA7A2)

Have a look what the booklet for
Hex(5AA7A2) contains.

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Color

Hex(5AA7A2)

Conversions

Conversions Part 1

Format	Color
Hex	5AA7A2
RGB	90, 167, 162
RGB Percent	35%, 65%, 64%
CMY	0.6471, 0.3451, 0.3647
CMYK	0.46, 0.00, 0.03, 0.35
HSL	176°, 30%, 50%
HSV	176°, 46%, 65%
XYZ	24.5568, 32.4197, 39.1458
YIQ	143.4070, -44.2870, -17.8790

Conversions

Conversions Part 2

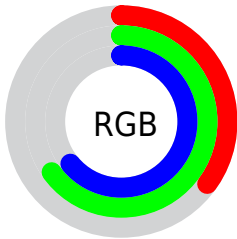
Format	Color
RYB	90, 130, 167
Decimal	5941154
CIELab	63.69, -25.03, -4.82
CIElCh	64, 25.489, 190.898
Yxy	32.4197, 0.2555, 0.3373
Android (android.graphics.Color)	4284131234 (0xFF5AA7A2)
YUV	143.4070, 9.1663, -46.8379
Hunter-Lab	56.9383, -22.6574, -0.9058

Details

The Hex color **5AA7A2** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A75A5F**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **91DED9**, and **20736E** is the 20% darker color. If you saturate the color by 10%, you get **49A7A1**, and if you desaturate by 10%, it is **6BA7A3**.

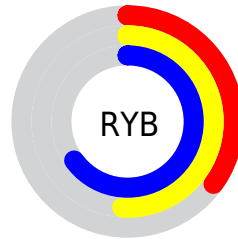
Distribution



Red (35%)

Green (65%)

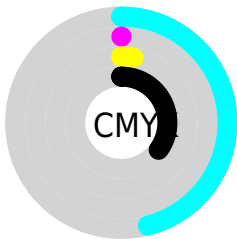
Blue (64%)



Red (35%)

Yellow (51%)

Blue (65%)

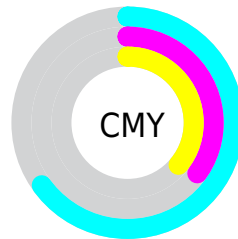


Cyan (46%)

Magenta (0%)

Yellow (3%)

Black (35%)



Cyan (65%)

Magenta (35%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AA7A2 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 5AA7A2 by changing the saturation by 10% instead.

■ 5AA7A2

■ 5AA7A2

FFFFFF

■ 3E8C88

■ 91DED9

■ 20736E

■ ADFBF5

■ 005A56

■ C9FFFF

■ 00423F

■ E6FFFF

■ 002B29

■ 001615

■ 000000

■ 5AA7A2

■ 5AA7A2

■ 49A7A1

■ 6BA7A3

 39A7A0

 7BA7A4

 28A79F

 8CA7A5

 17A79E

 9DA7A6

 06A79D

 ADA7A7

 00A79C

 BEA7A9

 CFA7AA

 E0A7AB

 F0A7AC

Harmonies

Analogous

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



6FA68B



5AA7A2



56A5B7

Triad

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



5AA7A2



A892BD



B79470

Complementary

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



5AA7A2



A75A5F

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.



C58D7E



5AA7A2



BE8BAA

Square

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



5AA7A2



899AC7



C88A93



A29B6D

Rectangle

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



5AA7A2



61A2C1



C88A93



BD9173

Sweetspot

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



5AA7A2



BAD9D7



5FA75A



5B6E6C



EDEDED



6E6E6E

Same Dimension

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



5AA7A2



62D9D1



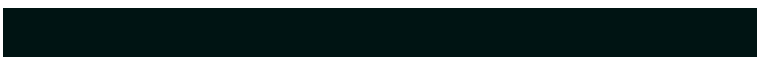
5A86A7



4C5454



00948A



001413

Inverse Universe

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



A75A5F



D96269



A77B5A



544C4C



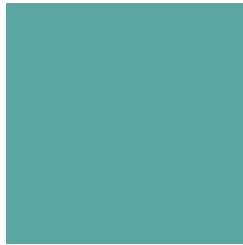
94000A



140001

Previews

White Background



This preview shows how the Hex color 5AA7A2 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



This preview shows how the Hex color 5AA7A2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

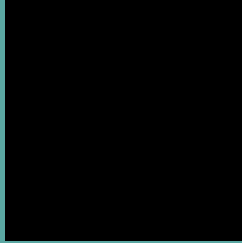
Any Text WCAG AA ✓ Pass

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 5AA7A2 Background



This preview shows how black text looks on a background with the Hex color 5AA7A2.

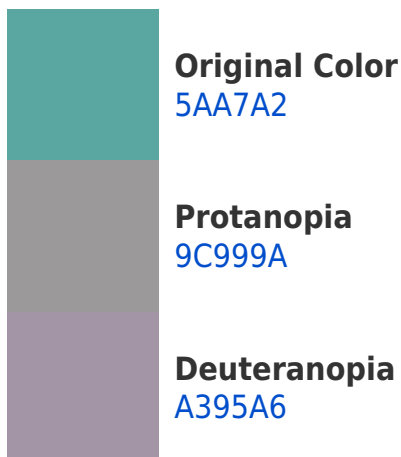


This preview shows how white text looks on a background with the Hex color 5AA7A2.

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](#).

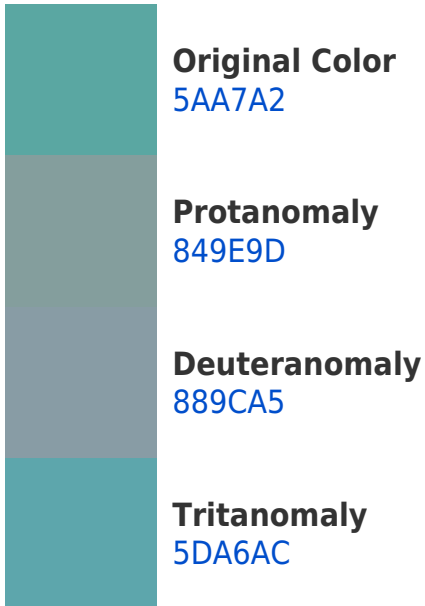
Dichromacy





Tritanopia
5FA5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5AA7A2 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 #5AA7A2 looks like.

```
.text, #text, p{  
    color:#5AA7A2  
}
```

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 #5AA7A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AA7A2
}
```

Border

The CSS property to change the border of an element to Hex 5AA7A2 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
#5AA7A2 }
```

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

```
.border{ border-color:#5AA7A2 }
```

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

Here you see how a box with a 4 pixel #5AA7A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AA7A2; -webkit-box-shadow:4px 4px  
4px 4px #5AA7A2; box-shadow:4px 4px 4px  
4px #5AA7A2 }
```

Background

The CSS property to change the background color of an element to Hex 5AA7A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AA7A2 }
```

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

```
.background{ background-color:#5AA7A2 }
```

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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