

Converting Colors

Hex(5AA5A1)

Have a look what the booklet for
Hex(5AA5A1) contains.

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Color

Hex(5AA5A1)

Conversions

Conversions Part 1

Format	Color
Hex	5AA5A1
RGB	90, 165, 161
RGB Percent	35%, 65%, 63%
CMY	0.6471, 0.3529, 0.3686
CMYK	0.45, 0.00, 0.02, 0.35
HSL	177°, 29%, 50%
HSV	177°, 45%, 65%
XYZ	24.1046, 31.6571, 38.5582
YIQ	142.1190, -43.4160, -17.1440

Conversions

Conversions Part 2

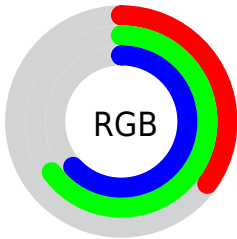
Format	Color
RYB	90, 129, 165
Decimal	5940641
CIELab	63.06, -24.28, -5.19
CIElCh	63, 24.830, 192.065
Yxy	31.6571, 0.2556, 0.3356
Android (android.graphics.Color)	4284130721 (0xFF5AA5A1)
YUV	142.1190, 9.3083, -45.7084
Hunter-Lab	56.2647, -21.9912, -1.2462

Details

The Hex color **5AA5A1** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A55A5E**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **91DCD8**, and **21716E** is the 20% darker color. If you saturate the color by 10%, you get **4AA5A0**, and if you desaturate by 10%, it is **6AA5A2**.

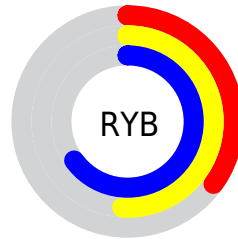
Distribution



Red (35%)

Green (65%)

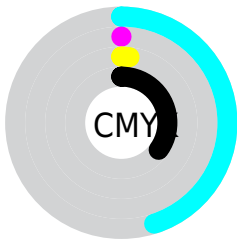
Blue (63%)



Red (35%)

Yellow (51%)

Blue (65%)

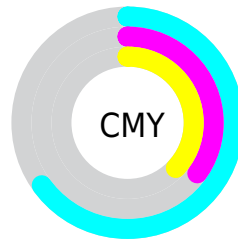


Cyan (45%)

Magenta (0%)

Yellow (2%)

Black (35%)



Cyan (65%)

Magenta (35%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AA5A1 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 5AA5A1 by changing the saturation by 10% instead.



5AA5A1



5AA5A1

FFFFFF



3F8A87



91DCD8



21716E



ADF9F4



005855



C9FFFF



00403E



E6FFFF



002A28



001314



000000



5AA5A1



5AA5A1



4AA5A0



6AA5A2

■ 39A59F

■ 7BA5A3

■ 29A59E

■ 8BA5A4

■ 18A59D

■ 9CA5A5

■ 07A59D

■ ACA5A5

■ 00A59C

■ BDA5A6

■ CEA5A7

■ DEA5A8

■ EEA5A9

Harmonies

Analogous

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



6EA48A



5AA5A1



57A3B5

Triad

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



5AA5A1



A790B9



B4936F

Complementary

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



5AA5A1



A55A5E

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.



C28C7C



5AA5A1



BC8AA7

Square

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



5AA5A1



8A98C3



C58890



A09A6D

Rectangle

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



5AA5A1



62A0BF



C58890



BA9072

Sweetspot

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



5AA5A1



B8D6D5



5FA55A



596B6A



EBEBEB



6B6B6B

Same Dimension

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



5AA5A1



60D6D0



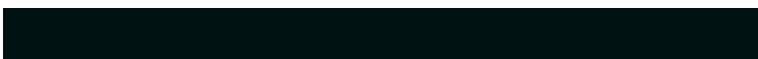
5A84A5



495251



00918A



001211

Inverse Universe

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



A55A5E



D66067



A57A5A



52494A



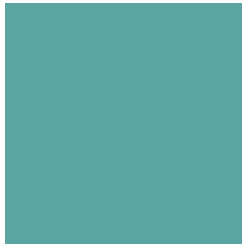
910008



120001

Previews

White Background



This preview shows how the Hex color 5AA5A1 looks on a white background.

Color Contrast Check

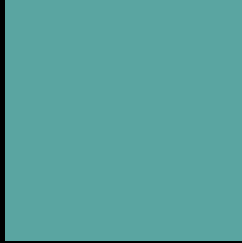
Large Text (above 18pt) WCAG AA × Fail

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 5AA5A1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

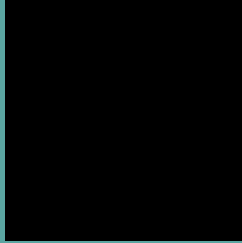
Any Text WCAG AA ✓ Pass

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 5AA5A1 Background



This preview shows how black text looks on a background with the Hex color 5AA5A1.

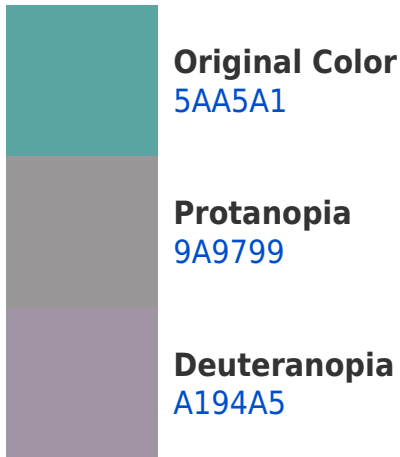


This preview shows how white text looks on a background with the Hex color 5AA5A1.

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](#).

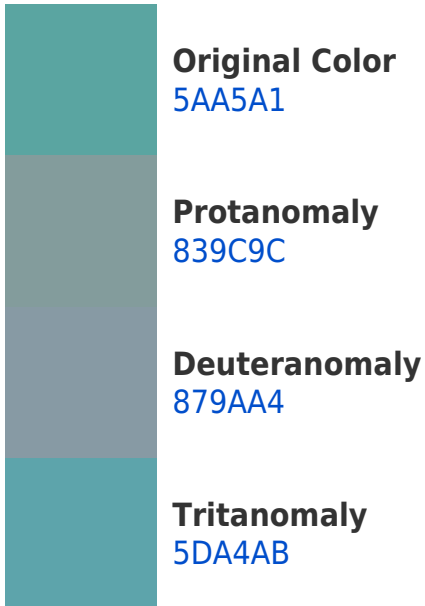
Dichromacy



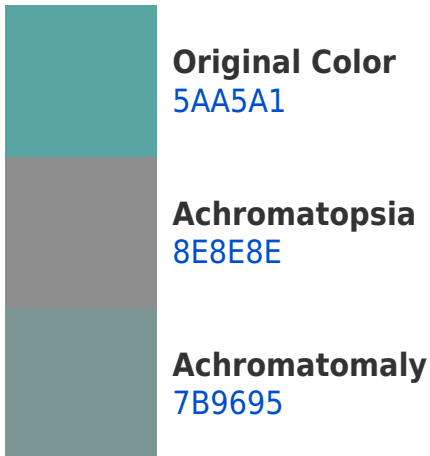


Tritanopia
5FA3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5AA5A1 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 #5AA5A1 looks like.

```
.text, #text, p{  
    color:#5AA5A1  
}
```

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 #5AA5A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AA5A1
}
```

Border

The CSS property to change the border of an element to Hex 5AA5A1 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
#5AA5A1 }
```

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

```
.border{ border-color:#5AA5A1 }
```

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

Here you see how a box with a 4 pixel #5AA5A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AA5A1; -webkit-box-shadow:4px 4px  
4px 4px #5AA5A1; box-shadow:4px 4px 4px  
4px #5AA5A1 }
```

Background

The CSS property to change the background color of an element to Hex 5AA5A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AA5A1 }
```

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

```
.background{ background-color:#5AA5A1 }
```

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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