

Converting Colors

Hex(5DA1AC)

Have a look what the booklet for
Hex(5DA1AC) contains.

Hex(5DA1AC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5DA1AC)

Conversions

Conversions Part 1

Format	Color
Hex	5DA1AC
RGB	93, 161, 172
RGB Percent	36%, 63%, 67%
CMY	0.6353, 0.3686, 0.3255
CMYK	0.46, 0.06, 0.00, 0.33
HSL	188°, 32%, 52%
HSV	188°, 46%, 67%
XYZ	24.7055, 30.7955, 43.6717
YIQ	141.9220, -44.0590, -10.9950

Conversions

Conversions Part 2

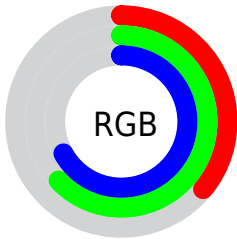
Format	Color
R_{YB}	93, 130, 172
Decimal	6136236
CIE _{Lab}	62.33, -18.55, -12.44
CIE _{LCh}	62, 22.335, 213.832
Yxy	30.7955, 0.2491, 0.3105
Android (android.graphics.Color)	4284326316 (0xFF5DA1AC)
YUV	141.9220, 14.8285, -42.9046
Hunter-Lab	55.4937, -17.6467, -7.8138

Details

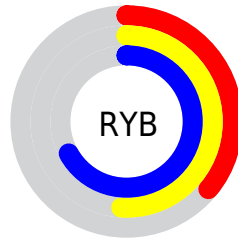
The Hex color **5DA1AC** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AC685D**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **94D8E3**, and **246D78** is the 20% darker color. If you saturate the color by 10%, you get **4C9FAC**, and if you desaturate by 10%, it is **6EA3AC**.

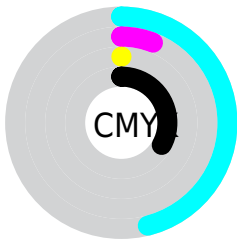
Distribution



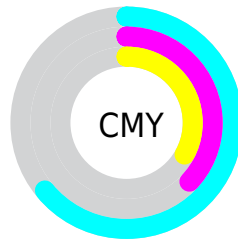
- Red (36%)
- Green (63%)
- Blue (67%)



- Red (36%)
- Yellow (51%)
- Blue (67%)



- Cyan (46%)
- Magenta (6%)
- Yellow (0%)
- Black (33%)



- Cyan (64%)
- Magenta (37%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DA1AC 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 5DA1AC by changing the saturation by 10% instead.

■ 5DA1AC

FFFFFF

■ 94D8E3

■ B0F4FF

■ CCFFFF

■ E9FFFF

■ 5DA1AC

■ 4C9FAC

■ 5DA1AC

■ 428791

■ 246D78

■ 00555F

■ 003D47

■ 002731

■ 00101C

■ 000000

■ 5DA1AC

■ 6EA3AC

■ 3B9CAC

■ 7FA6AC

■ 299AAC

■ 91A8AC

■ 1897AC

■ A2ABAC

■ 0795AC

■ B3ADAC

■ 0094AC

■ C4AFAC

■ D5B2AC

■ E7B4AC

■ F8B7AC

Harmonies

Analogous

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



64A299



5DA1AC



699DBA

Triad

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



5DA1AC



B28BA9



A3966F

Complementary

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



5DA1AC



AC685D

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.



B49074



5DA1AC



BE8895

Square

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



5DA1AC



9D91B8



BE8A82



8D9C75

Rectangle

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



5DA1AC



799ABE



BE8A82



A99470

Sweetspot

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



5DA1AC



C1DCE0



5DAC68



5D6E70



F0F0F0



707070

Same Dimension

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



5DA1AC



65CFE0



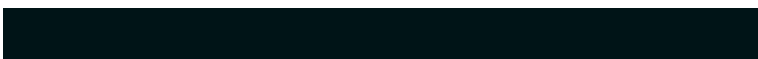
5D7AAC



4E5557



008296



001417

Inverse Universe

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



AC5DA1



E065CF



AC8F5D



574E55



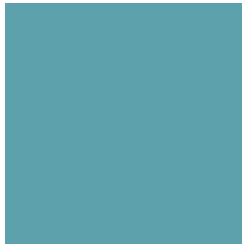
960082



170014

Previews

White Background



This preview shows how the Hex color 5DA1AC looks on a white background.

Color Contrast Check

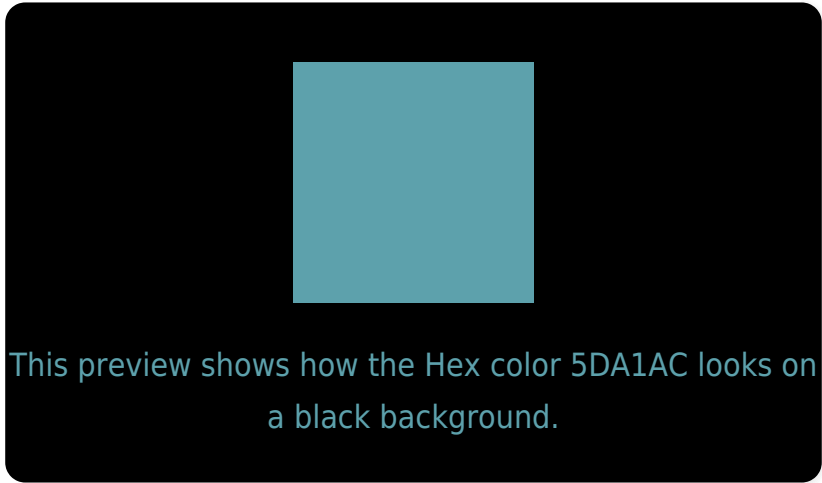
Large Text (above 18pt) WCAG AA × Fail

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

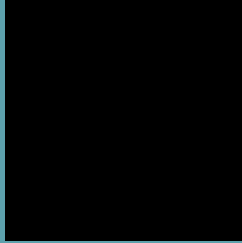
Any Text WCAG AA ✓ Pass

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 5DA1AC Background



This preview shows how black text looks on a background with the Hex color 5DA1AC.

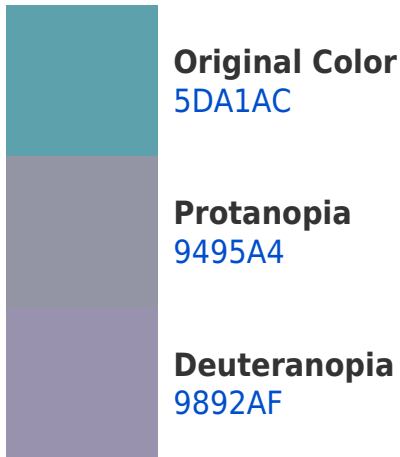


This preview shows how white text looks on a background with the Hex color 5DA1AC.

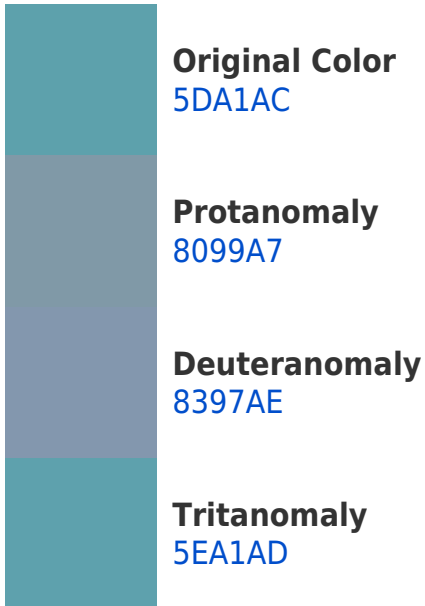
Color Blindness Simulation

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](#).

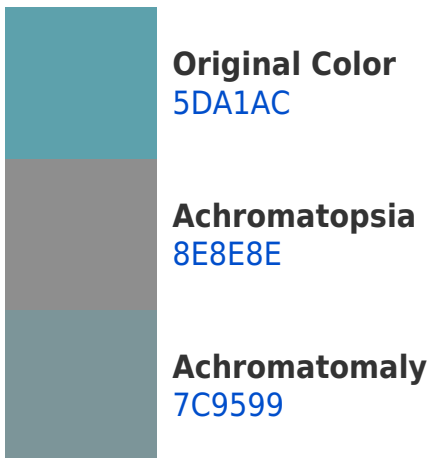
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5DA1AC 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 #5DA1AC looks like.

```
.text, #text, p{  
    color:#5DA1AC  
}
```

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 #5DA1AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DA1AC
}
```

Border

The CSS property to change the border of an element to Hex 5DA1AC 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
#5DA1AC }
```

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

```
.border{ border-color:#5DA1AC }
```

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

Here you see how a box with a 4 pixel #5DA1AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DA1AC; -webkit-box-shadow:4px 4px  
4px 4px #5DA1AC; box-shadow:4px 4px 4px  
4px #5DA1AC }
```

Background

The CSS property to change the background color of an element to Hex 5DA1AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DA1AC }
```

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

```
.background{ background-color:#5DA1AC }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor