

# Converting Colors

Hex(5EA2AC)

Have a look what the booklet for  
Hex(5EA2AC) contains.

|  |    |
|--|----|
| <b>Hex(5EA2AC)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# **Color**

**Hex(5EA2AC)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 5EA2AC                       |
| RGB         | 94, 162, 172                 |
| RGB Percent | 37%, 64%, 67%                |
| CMY         | 0.6314, 0.3647, 0.3255       |
| CMYK        | 0.45, 0.06, 0.00, 0.33       |
| HSL         | 188°, 32%, 52%               |
| HSV         | 188°, 45%, 67%               |
| XYZ         | 24.9828, 31.1989, 43.7350    |
| YIQ         | 142.8080, -43.7380, -11.3060 |

# Conversions

## Conversions Part 2

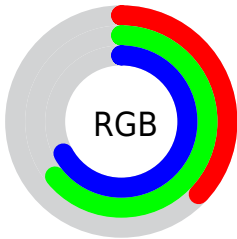
| Format                              | Color   |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">94, 130, 172</a>                    |
| Decimal                             | <a href="#">6202028</a>                         |
| CIELab                              | <a href="#">62.68, -18.83, -11.92</a>           |
| CIElCh                              | <a href="#">63, 22.286, 212.331</a>             |
| Yxy                                 | <a href="#">31.1989, 0.2500,<br/>0.3122</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4284392108<br/>(0xFF5EA2AC)</a>     |
| YUV                                 | <a href="#">142.8080, 14.3917,<br/>-42.8046</a> |
| Hunter-Lab                          | <a href="#">55.8560, -17.9099,<br/>-7.3246</a>  |

# Details

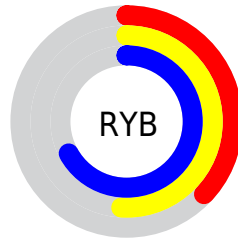
The Hex color **5EA2AC** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AC685E**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **95D9E3**, and **266E78** is the 20% darker color. If you saturate the color by 10%, you get **4DA0AC**, and if you desaturate by 10%, it is **6FA4AC**.

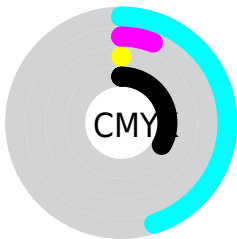
# Distribution



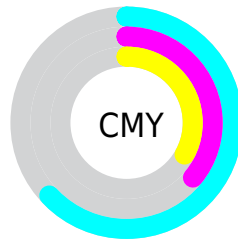
- Red (37%)
- Green (64%)
- Blue (67%)



- Red (37%)
- Yellow (51%)
- Blue (67%)



- Cyan (45%)
- Magenta (6%)
- Yellow (0%)
- Black (33%)



- Cyan (63%)
- Magenta (36%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5EA2AC 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 5EA2AC by changing the saturation by 10% instead.



5EA2AC

5EA2AC

FFFFFF

438891

95D9E3

266E78

B1F6FF

00565F

CDFFFF

003E47

EAFFFF

002831

00121C

000000

5EA2AC

5EA2AC

4DA0AC

6FA4AC

3C9EAC

80A6AC

2A9BAC

92A9AC

1999AC

A3ABAC

0897AC

B4ADAC

0096AC

C5AFAC

D6B1AC

E8B4AC

F9B6AC

# Harmonies

## Analogous

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



65A398



5EA2AC



699FBA

# Triad

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



5EA2AC



B28CAA



A59770

# Complementary

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



5EA2AC



AC685E

# 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.



B69075



5EA2AC



BE8997

# Square

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



5EA2AC



9D92B9



BF8B83



8F9D76

# Rectangle

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



5EA2AC



799BBE



BF8B83



AB9571



# Sweetspot

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



5EA2AC



C1DCE0



5EAC67



5D6E70



F0F0F0



707070



# Same Dimension

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



5EA2AC



67D1E0



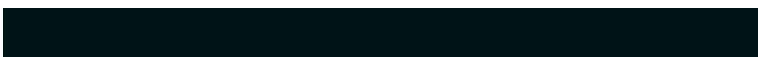
5E7CAC



4E5657



008396



001417



# Inverse Universe

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



AC5EA2



E067D1



AC8E5E



574E56



960083

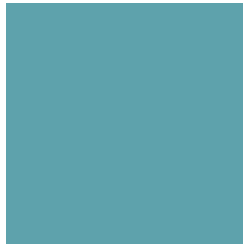


170014



# Previews

## White Background



This preview shows how the Hex color 5EA2AC looks on a white background.

## Color Contrast Check

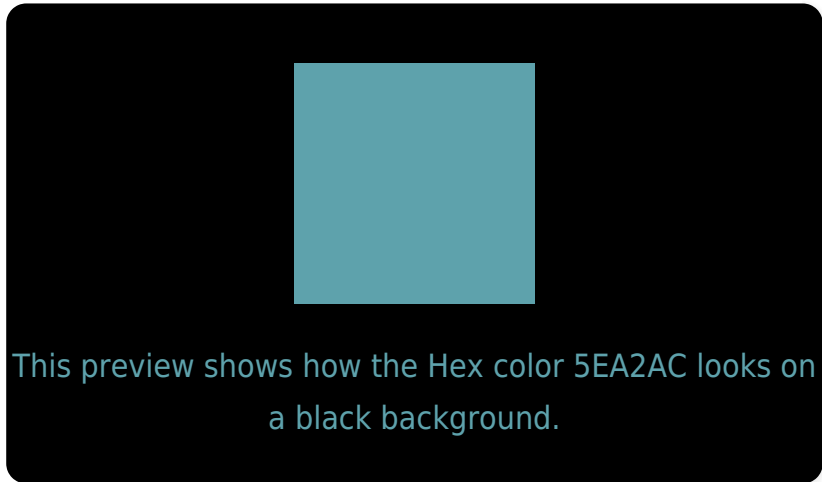
Large Text (above 18pt) WCAG AA × Fail

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

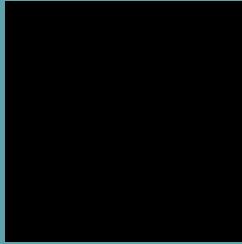
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

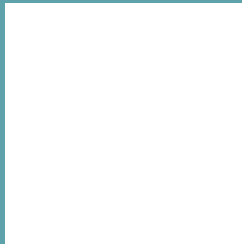
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5EA2AC Background



This preview shows how black text looks on a background with the Hex color 5EA2AC.

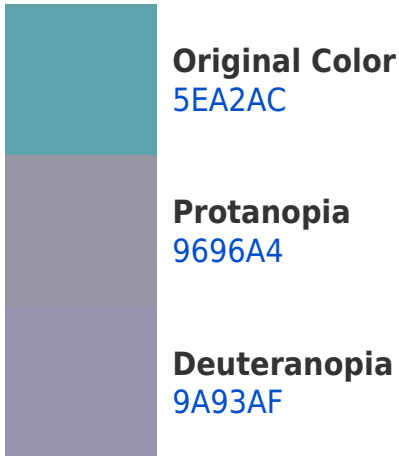


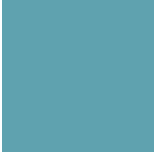
This preview shows how white text looks on a background with the Hex color 5EA2AC.

# 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](#).

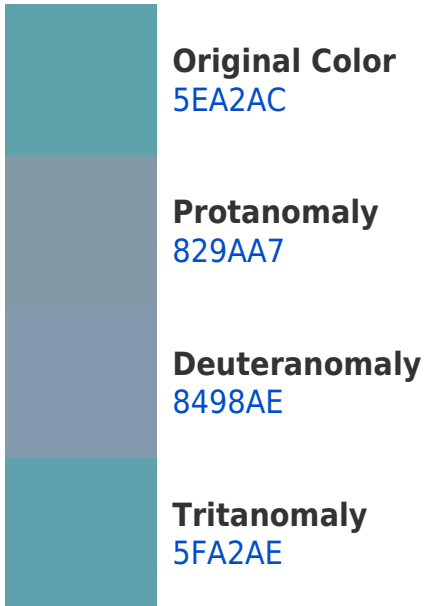
## Dichromacy



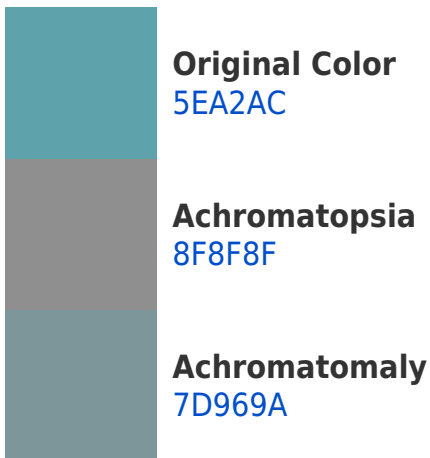


**Tritanopia**  
5FA2AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5EA2AC 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 #5EA2AC looks like.

```
.text, #text, p{  
    color:#5EA2AC  
}
```

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 #5EA2AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EA2AC
}
```

## Border

The CSS property to change the border of an element to Hex 5EA2AC 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
#5EA2AC }
```

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

```
.border{ border-color:#5EA2AC }
```

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

Here you see how a box with a 4 pixel #5EA2AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EA2AC; -webkit-box-shadow:4px 4px  
4px 4px #5EA2AC; box-shadow:4px 4px 4px  
4px #5EA2AC }
```

# Background

The CSS property to change the background color of an element to Hex 5EA2AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EA2AC }
```

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

```
.background{ background-color:#5EA2AC }
```

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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