

# Converting Colors

Hex(5EACA2)

Have a look what the booklet for  
Hex(5EACA2) contains.

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# Color

Hex(5EACA2)

# Conversions

## Conversions Part 1

Format	Color
Hex	5EACA2
RGB	94, 172, 162
RGB Percent	37%, 67%, 64%
CMY	0.6314, 0.3255, 0.3647
CMYK	0.45, 0.00, 0.06, 0.33
HSL	172°, 32%, 52%
HSV	172°, 45%, 67%
XYZ	25.8902, 34.4934, 39.4757
YIQ	147.5380, -43.2780, -19.6460

# Conversions

## Conversions Part 2

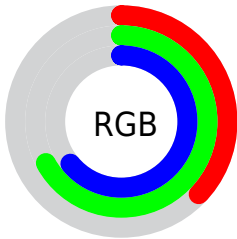
Format	Color
<a href="#">RYB</a>	<a href="#">94, 136, 172</a>
Decimal	<a href="#">6204578</a>
CIELab	<a href="#">65.35, -26.54, -2.35</a>
CIElCh	<a href="#">65, 26.643, 185.057</a>
Yxy	<a href="#">34.4934, 0.2593, 0.3454</a>
Android (android.graphics.Color)	<a href="#">4284394658 (0xFF5EACA2)</a>
YUV	<a href="#">147.5380, 7.1298, -46.9528</a>
Hunter-Lab	<a href="#">58.7311, -24.0918, 1.2603</a>

# Details

The Hex color **5EACA2** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AC5E68**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **95E4D9**, and **25776E** is the 20% darker color. If you saturate the color by 10%, you get **4DACA0**, and if you desaturate by 10%, it is **6FACA4**.

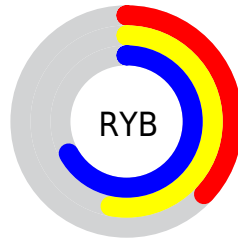
# Distribution



Red (37%)

Green (67%)

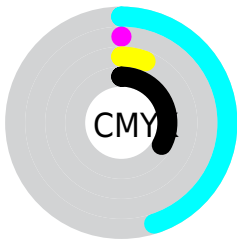
Blue (64%)



Red (37%)

Yellow (53%)

Blue (67%)

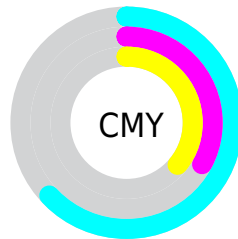


Cyan (45%)

Magenta (0%)

Yellow (6%)

Black (33%)



Cyan (63%)

Magenta (33%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5EACA2 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 5EACA2 by changing the saturation by 10% instead.





5EACA2



5EACA2

FFFFFF



439188



95E4D9



25776E



B1FFF5



005E56



CDFFFF



00463F



EBFFFF



002F29



001C15



000000



5EACA2



5EACA2



4DACAO



6FACA4

 3CAC9E


 80ACA6

 2AAC9B

 92ACA9

 19AC99

 A3ACAB

 08AC97

 B4ACAD

 00AC96

 C5ACAF

 D6ACB1

 E8ACB4

 F9ACB6

# Harmonies

## Analogous

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



76AA8A



5EACA2



55ABB9

# Triad

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



5EACA2



A797C6



C19674

# Complementary

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



5EACA2



AC5E68

# 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.



CD9084



5EACA2



C190B3

# Square

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



5EACA2



86A0CE



CE8D9B



AC9E6F

# Rectangle

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



5EACA2



5DA8C5



CE8D9B



C69478



# Sweetspot

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



5EACA2



C1E0DC



68AC5E



5D706E



F0F0F0



707070



# Same Dimension

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



5EACA2



67E0D1



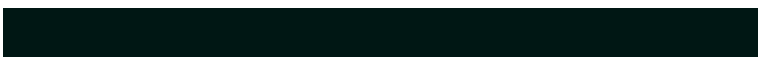
5E8FAC



4E5756



009683



001714



# Inverse Universe

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



AC5E68



E06777



AC7B5E



574E4F



960013

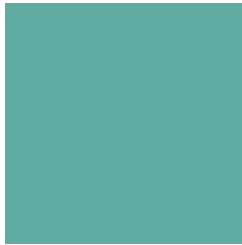


170003



# Previews

## White Background



This preview shows how the Hex color 5EACA2 looks on a white background.

## Color Contrast Check

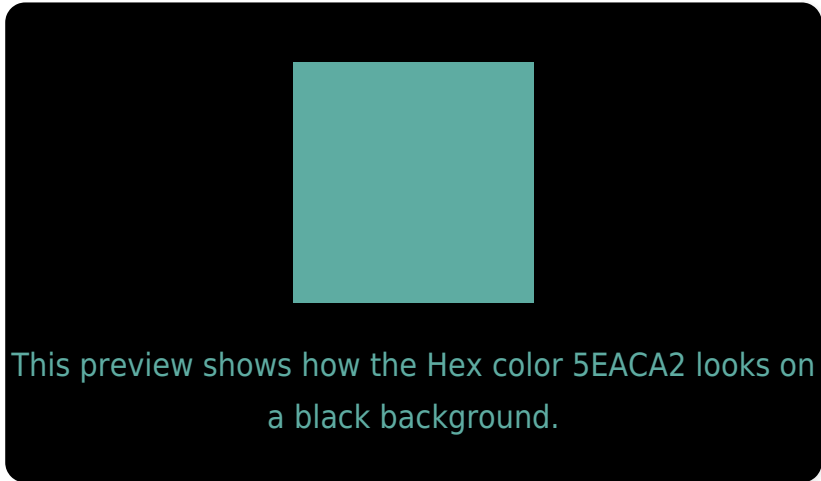
Large Text (above 18pt) WCAG AA × Fail

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

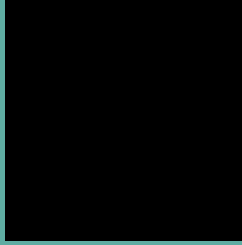
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5EACA2 Background



This preview shows how black text looks on a background with the Hex color 5EACA2.

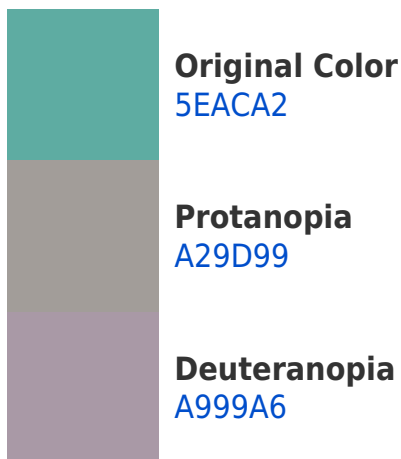


This preview shows how white text looks on a background with the Hex color 5EACA2.

# 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](#).

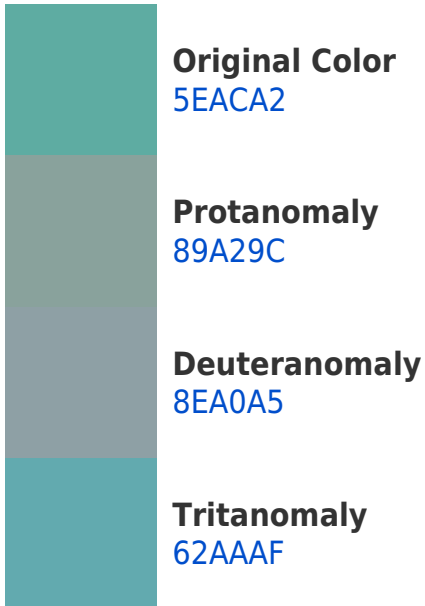
## Dichromacy



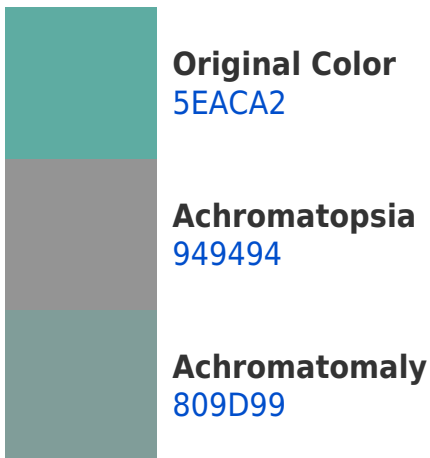


**Tritanopia**  
64A9B7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5EACA2 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 #5EACA2 looks like.

```
.text, #text, p{  
    color:#5EACA2  
}
```

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 #5EACA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EACA2
}
```

## Border

The CSS property to change the border of an element to Hex 5EACA2 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
#5EACA2 }
```

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

```
.border{ border-color:#5EACA2 }
```

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

Here you see how a box with a 4 pixel #5EACA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EACA2; -webkit-box-shadow:4px 4px  
4px 4px #5EACA2; box-shadow:4px 4px 4px  
4px #5EACA2 }
```

# Background

The CSS property to change the background color of an element to Hex 5EACA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EACA2 }
```

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

```
.background{ background-color:#5EACA2 }
```

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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