

# Converting Colors

Hex(5EACB8)

Have a look what the booklet for  
Hex(5EACB8) contains.

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# Color

**Hex(5EACB8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5EACB8
RGB	94, 172, 184
RGB Percent	37%, 67%, 72%
CMY	0.6314, 0.3255, 0.2784
CMYK	0.49, 0.07, 0.00, 0.28
HSL	188°, 39%, 55%
HSV	188°, 49%, 72%
XYZ	28.0203, 35.3454, 50.6929
YIQ	150.0460, -50.3400, -12.8040

# Conversions

## Conversions Part 2

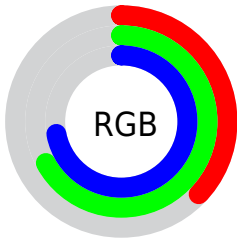
Format	Color
<a href="#">RYB</a>	<a href="#">94, 136, 184</a>
Decimal	<a href="#">6204600</a>
CIELab	<a href="#">66.02, -20.75, -13.60</a>
CIELCh	<a href="#">66, 24.808, 213.249</a>
Yxy	<a href="#">35.3454, 0.2457, 0.3099</a>
Android (android.graphics.Color)	<a href="#">4284394680 (0xFF5EACB8)</a>
YUV	<a href="#">150.0460, 16.7393, -49.1523</a>
Hunter-Lab	<a href="#">59.4520, -19.9121, -8.9384</a>

# Details

The Hex color **5EACB8** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **B86A5E**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **96E4F0**, and **227783** is the 20% darker color. If you saturate the color by 10%, you get **4CAAB8**, and if you desaturate by 10%, it is **70AEB8**.

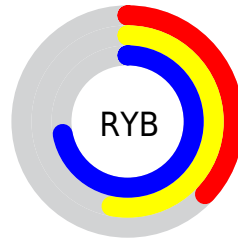
# Distribution



Red (37%)

Green (67%)

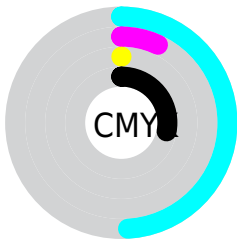
Blue (72%)



Red (37%)

Yellow (53%)

Blue (72%)

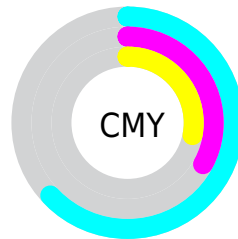


Cyan (49%)

Magenta (7%)

Yellow (0%)

Black (28%)



Cyan (63%)

Magenta (33%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5EACB8 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 5EACB8 by changing the saturation by 10% instead.



 5EACB8

 5EACB8

FFFFFF

 41919D

 96E4F0

 227783

 B2FFFF

 005F6A

 CFFFFFF

 004752

 EDFFFF

 00303B

 001D25

 00010F

 000000

 5EACB8

 5EACB8

■ 4CAAB8

■ 70AEB8

■ 39A7B8

■ 83B1B8

■ 27A5B8

■ 95B3B8

■ 14A2B8

■ A8B6B8

■ 02A0B8

■ BAB8B8

■ 009FB8

■ CCBBB8

■ DFBDB8

■ F1C0B8

■ FFC2B8

# Harmonies

## Analogous

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



67ADA2



5EACB8



6BA8C8

# Triad

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



5EACB8



BF93B5



AEA074

# Complementary

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



5EACB8



B86A5E

# 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.



C29879



5EACB8



CC909F

# Square

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



5EACB8



A79AC6



CC9289



96A67B

# Rectangle

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



5EACB8



7EA4CC



CC9289



B59D74



# Sweetspot

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



5EACB8



CCEBF0



5EB86A



627578



F7F7F7



787878



# Same Dimension

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



5EACB8



62DDF0



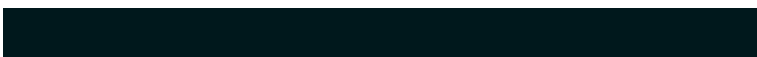
5E7FB8



535B5C



00879C



00181C



# Inverse Universe

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



B85EAC



F062DD



B8975E



5C535B



9C0087

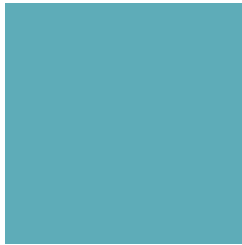


1C0018



# Previews

## White Background



This preview shows how the Hex color 5EACB8 looks on a white background.

## Color Contrast Check

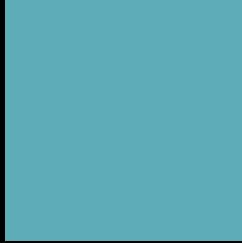
Large Text (above 18pt) WCAG AA × Fail

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 5EACB8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

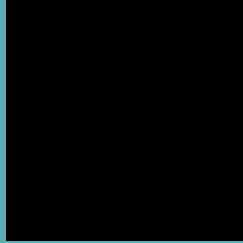
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5EACB8 Background



This preview shows how black text looks on a background with the Hex color 5EACB8.

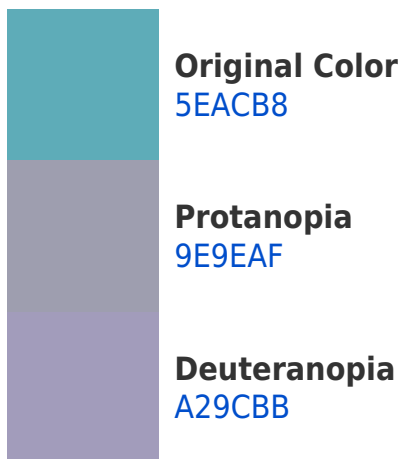


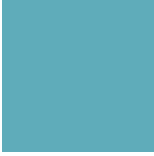
This preview shows how white text looks on a background with the Hex color 5EACB8.

# Color Blindness Simulation

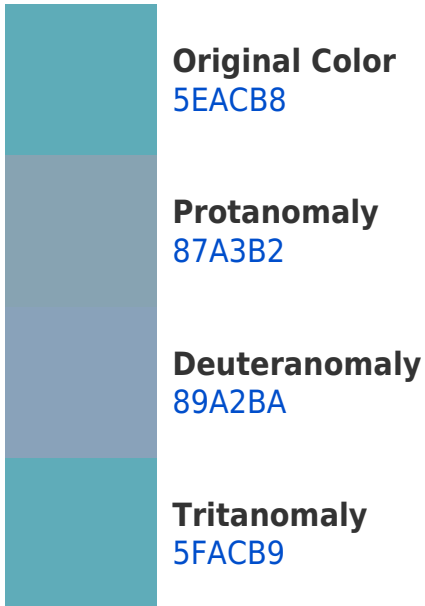
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

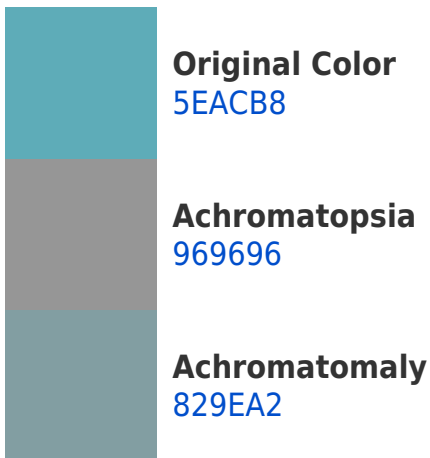




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5EACB8 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 #5EACB8 looks like.

```
.text, #text, p{  
    color:#5EACB8  
}
```

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 #5EACB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EACB8
}
```

## Border

The CSS property to change the border of an element to Hex 5EACB8 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
#5EACB8 }
```

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

```
.border{ border-color:#5EACB8 }
```

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

Here you see how a box with a 4 pixel #5EACB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EACB8; -webkit-box-shadow:4px 4px  
4px 4px #5EACB8; box-shadow:4px 4px 4px  
4px #5EACB8 }
```

# Background

The CSS property to change the background color of an element to Hex 5EACB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EACB8 }
```

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

```
.background{ background-color:#5EACB8 }
```

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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