

# Converting Colors

Hex(5EB5C6)

Have a look what the booklet for  
Hex(5EB5C6) contains.

<b>Hex(5EB5C6)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(5EB5C6)

# Conversions

## Conversions Part 1

Format	Color
Hex	5EB5C6
RGB	94, 181, 198
RGB Percent	37%, 71%, 78%
CMY	0.6314, 0.2902, 0.2235
CMYK	0.53, 0.09, 0.00, 0.22
HSL	190°, 48%, 57%
HSV	190°, 53%, 78%
XYZ	31.3330, 39.5046, 59.3998
YIQ	156.9250, -57.3090, -13.1570

# Conversions

## Conversions Part 2

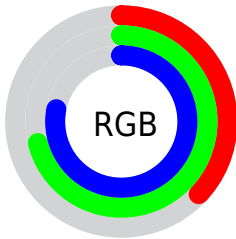
Format	Color
<b>RYB</b>	94, 141, 198
Decimal	6206918
CIELab	69.12, -21.47, -16.67
CIElCh	69, 27.185, 217.821
Yxy	39.5046, 0.2406, 0.3033
Android (android.graphics.Color)	4284396998 (0xFF5EB5C6)
YUV	156.9250, 20.2500, -55.1852
Hunter-Lab	62.8527, -21.0074, -12.0359

# Details

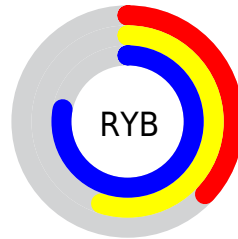
The Hex color **5EB5C6** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **C66F5E**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **97EDFF**, and **1C8090** is the 20% darker color. If you saturate the color by 10%, you get **4AB2C6**, and if you desaturate by 10%, it is **72B8C6**.

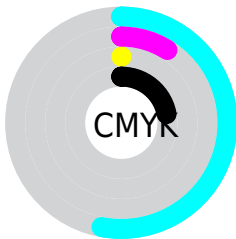
# Distribution



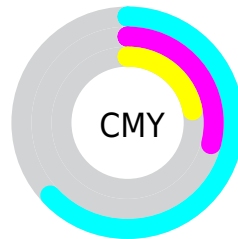
- Red (37%)
- Green (71%)
- Blue (78%)



- Red (37%)
- Yellow (55%)
- Blue (78%)



- Cyan (53%)
- Magenta (9%)
- Yellow (0%)
- Black (22%)



- Cyan (63%)
- Magenta (29%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5EB5C6 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 5EB5C6 by changing the saturation by 10% instead.



■ 5EB5C6

■ 5EB5C6

FFFFFF

■ 409AAB

■ 97EDFF

■ 1C8090

■ B4FFFF

■ 006777

■ D1FFFF

■ 004E5E

■ EFFFFFF

■ 003746

■ 002230

■ 00011B

■ 000000

■ 5EB5C6

■ 5EB5C6

4AB2C6

72B8C6

36AFC6

86BBC6

23ABC6

99BFC6

0FA8C6

ADC2C6

00A6C6

C1C5C6

D5C8C6

E9CCC6

FCCFC6

FFD2C6

# Harmonies

## Analogous

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



65B7AE



5EB5C6



71B0D6

# Triad

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



5EB5C6



CE99BC



B4A978

# Complementary

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



5EB5C6



C66F5E

# 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.



CAA17C



5EB5C6



DA97A3

# Square

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



5EB5C6



B5A0D0



D89A8C



99B081

# Rectangle

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



5EB5C6



87ACD9



D89A8C



BCA678

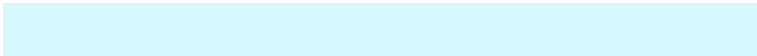


# Sweetspot

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



5EB5C6



D6F8FF



5EC66E



677C80



000000



808080



# Same Dimension

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



5EB5C6



5EE5FF



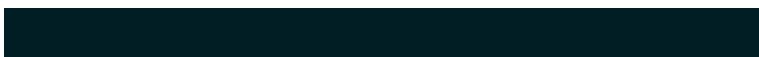
5E82C6



5A6263



0089A3



001E24



# Inverse Universe

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



C65EB5



FF5EE5



C6A25E



635A62



A30089

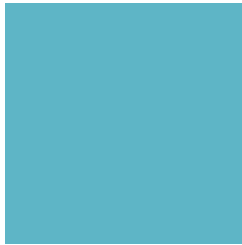


24001E



# Previews

## White Background



This preview shows how the Hex color 5EB5C6 looks on a white background.

## Color Contrast Check

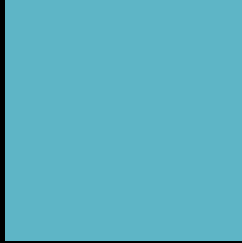
Large Text (above 18pt) WCAG AA × Fail

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 5EB5C6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

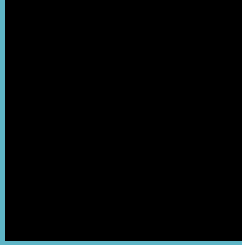
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5EB5C6 Background



This preview shows how black text looks on a background with the Hex color 5EB5C6.

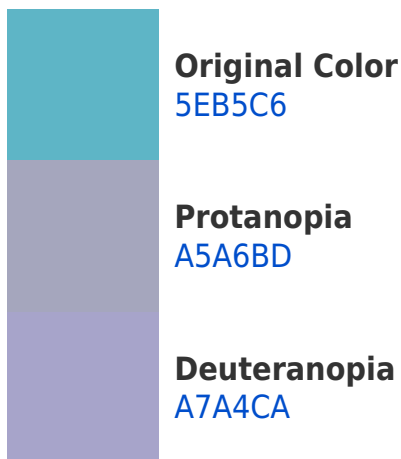


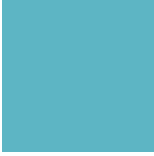
This preview shows how white text looks on a background with the Hex color 5EB5C6.

# 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](#).

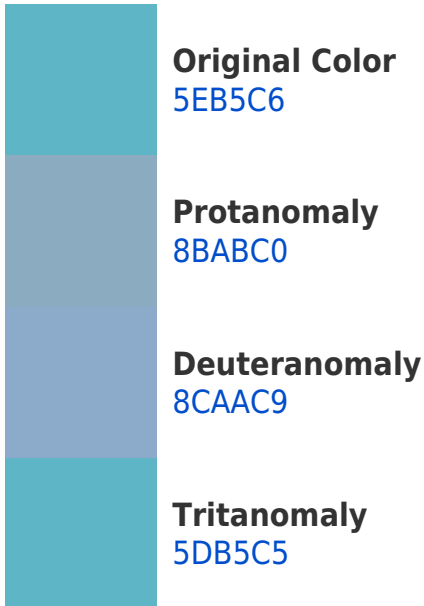
## Dichromacy



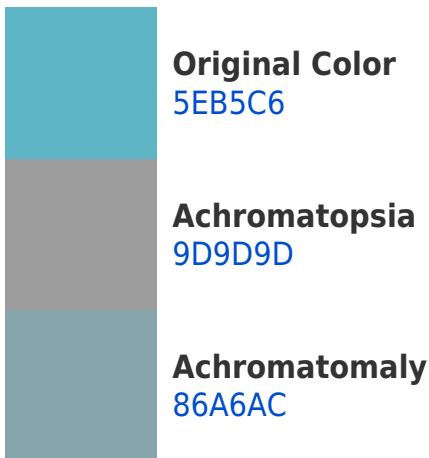


**Tritanopia**  
5DB5C4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5EB5C6 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 #5EB5C6 looks like.

```
.text, #text, p{  
    color:#5EB5C6  
}
```

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 #5EB5C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EB5C6  
}
```

## Border

The CSS property to change the border of an element to Hex 5EB5C6 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  
#5EB5C6 }
```

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

```
.border{ border-color:#5EB5C6 }
```

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

Here you see how a box with a 4 pixel #5EB5C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EB5C6; -webkit-box-shadow:4px 4px  
4px 4px #5EB5C6; box-shadow:4px 4px 4px  
4px #5EB5C6 }
```

# Background

The CSS property to change the background color of an element to Hex 5EB5C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EB5C6 }
```

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

```
.background{ background-color:#5EB5C6 }
```

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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