

# Converting Colors

Hex(5EBB93)

Have a look what the booklet for  
Hex(5EBB93) contains.

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**Color**

**Hex(5EBB93)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5EBB93
RGB	94, 187, 147
RGB Percent	37%, 73%, 58%
CMY	0.6314, 0.2667, 0.4235
CMYK	0.50, 0.00, 0.21, 0.27
HSL	154°, 41%, 55%
HSV	154°, 50%, 73%
XYZ	27.6529, 40.0269, 33.8723
YIQ	154.6330, -42.5880, -32.1560

# Conversions

## Conversions Part 2

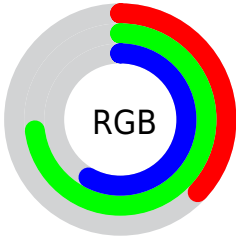
<b>Format</b>	<b>Color</b>
<b>RYB</b>	94, 153, 187
Decimal	6208403
CIELab	69.49, -37.17, 11.88
CIELCh	69, 39.025, 162.280
Yxy	40.0269, 0.2723, 0.3942
Android (android.graphics.Color)	4284398483 (0xFF5EBB93)
YUV	154.6330, -3.7631, -53.1751
Hunter-Lab	63.2668, -32.6976, 12.5437

# Details

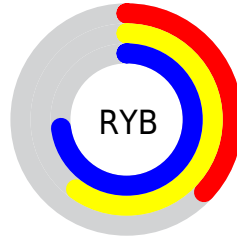
The Hex color **5EBB93** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BB5E86**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **96F4C9**, and **228560** is the 20% darker color. If you saturate the color by 10%, you get **4BBB8B**, and if you desaturate by 10%, it is **71BB9B**.

# Distribution



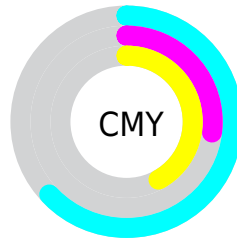
- Red (37%)
- Green (73%)
- Blue (58%)



- Red (37%)
- Yellow (60%)
- Blue (73%)



- Cyan (50%)
- Magenta (0%)
- Yellow (21%)
- Black (27%)



- Cyan (63%)
- Magenta (27%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5EBB93 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 5EBB93 by changing the saturation by 10% instead.



 5EBB93

 5EBB93

FFFFFF

 42A079

 96F4C9

 228560

 B2FFE5

 006B49

 CFFFFFF

 005232

 EFFFFFF

 003A1D


 002604

 000000

 5EBB93

 5EBB93

 4BBB8B

 71BB9B

 39BB83

 83BBA3

 26BB7B

 96BBAB

 13BB73

 A9BBB3

 01BB6B

 BBBBBB

 00BB6B

 CEBBC3

 E1BBCB

 F4BBD3

 FFBBDB

# Harmonies

## Analogous

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



8BB674



5EBB93



23BDB8

# Triad

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



5EBB93



8EA8EF



E8957C

# Complementary

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



5EBB93



BB5E86

# 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.



EE8E9C



5EBB93



C09BDE

# Square

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



5EBB93



4EB3EC



E191C0



D3A067

# Rectangle

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



5EBB93



00BBCE



E191C0



EC9286



# Sweetspot

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



5EBB93



CEF2E3



86BB5E



647A71



FAFAFA



7A7A7A



# Same Dimension

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



5EBB93



61F2B4



5EB5BB



555E5A



009E5A



001F11



# Inverse Universe

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



BB5E86



F2619F



BB645E



5E5559



9E0044



1F000D



# Previews

## White Background



This preview shows how the Hex color 5EBB93 looks on a white background.

## Color Contrast Check

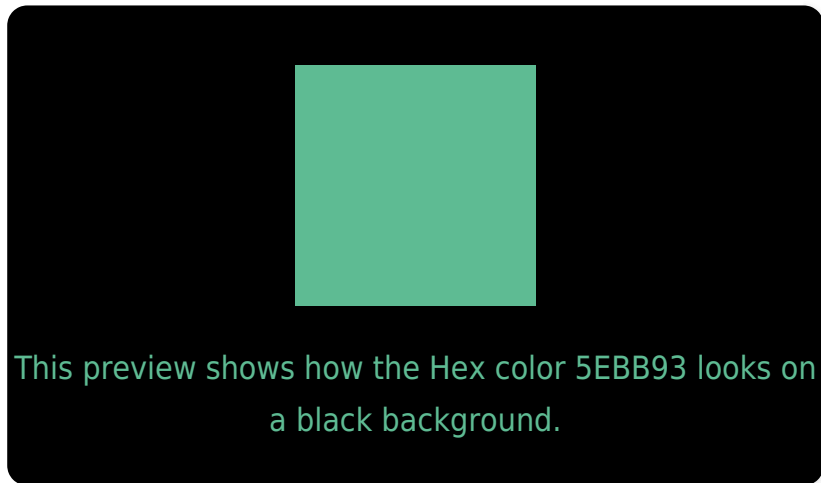
Large Text (above 18pt) WCAG AA × Fail

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

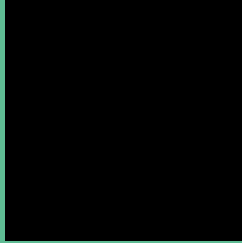
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5EBB93 Background



This preview shows how black text looks on a background with the Hex color 5EBB93.

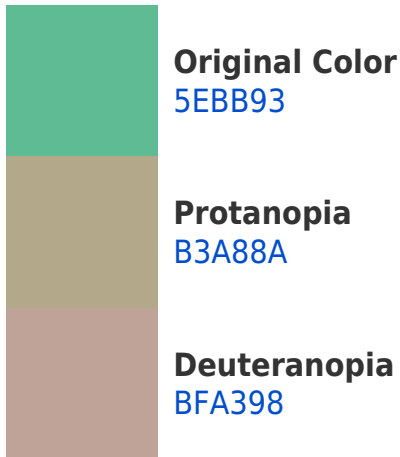


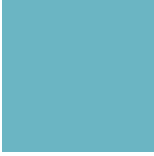
This preview shows how white text looks on a background with the Hex color 5EBB93.

# 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](#).

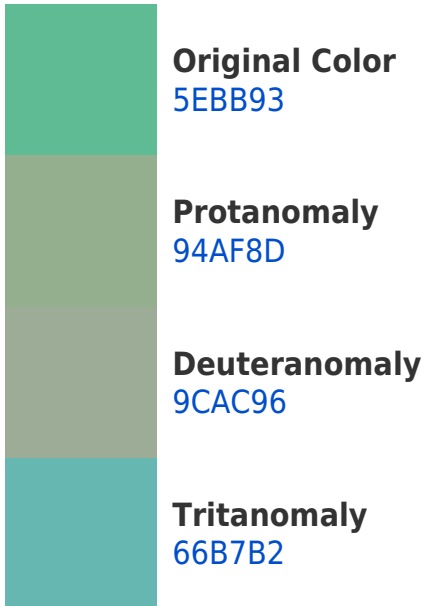
## Dichromacy



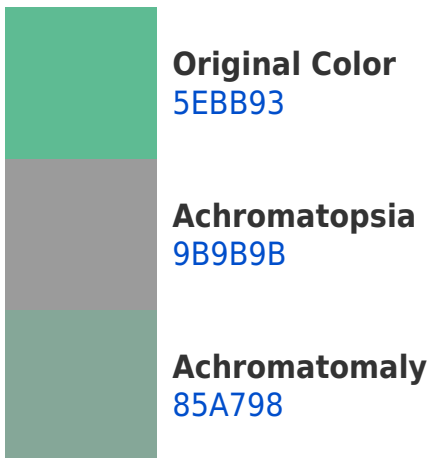


**Tritanopia**  
6BB5C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5EBB93 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 #5EBB93 looks like.

```
.text, #text, p{  
    color:#5EBB93  
}
```

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 #5EBB93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EBB93
}
```

## Border

The CSS property to change the border of an element to Hex 5EBB93 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
#5EBB93 }
```

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

```
.border{ border-color:#5EBB93 }
```

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

Here you see how a box with a 4 pixel #5EBB93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EBB93; -webkit-box-shadow:4px 4px  
4px 4px #5EBB93; box-shadow:4px 4px 4px  
4px #5EBB93 }
```

# Background

The CSS property to change the background color of an element to Hex 5EBB93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EBB93 }
```

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

```
.background{ background-color:#5EBB93 }
```

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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