

Converting Colors

Hex(5EBA85)

Have a look what the booklet for
Hex(5EBA85) contains.

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Color

Hex(5EBA85)

Conversions

Conversions Part 1

Format	Color
Hex	5EBA85
RGB	94, 186, 133
RGB Percent	37%, 73%, 52%
CMY	0.6314, 0.2706, 0.4784
CMYK	0.49, 0.00, 0.28, 0.27
HSL	145°, 40%, 55%
HSV	145°, 49%, 73%
XYZ	26.4086, 39.1909, 28.3630
YIQ	152.4500, -37.8190, -35.9870

Conversions

Conversions Part 2

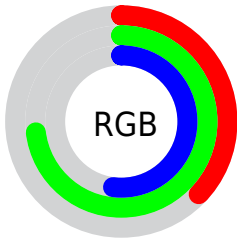
Format	Color
RYB	94, 159, 186
Decimal	6208133
CIELab	68.89, -39.64, 18.63
CIELCh	69, 43.796, 154.824
Yxy	39.1909, 0.2811, 0.4171
Android (android.graphics.Color)	4284398213 (0xFF5EBA85)
YUV	152.4500, -9.5888, -51.2606
Hunter-Lab	62.6027, -34.2553, 16.9597

Details

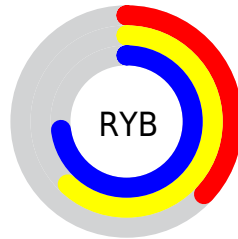
The Hex color **5EBA85** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BA5E93**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **96F3BA**, and **238453** is the 20% darker color. If you saturate the color by 10%, you get **4BBA7A**, and if you desaturate by 10%, it is **71BA90**.

Distribution



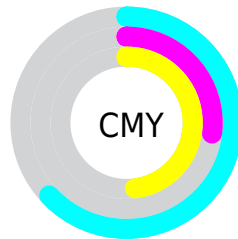
- Red (37%)
- Green (73%)
- Blue (52%)



- Red (37%)
- Yellow (62%)
- Blue (73%)



- Cyan (49%)
- Magenta (0%)
- Yellow (28%)
- Black (27%)



- Cyan (63%)
- Magenta (27%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EBA85 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 5EBA85 by changing the saturation by 10% instead.



5EBA85



5EBA85

FFFFFF



429F6C



96F3BA



238453



B2FFD6



006A3C



CFFFF3



005125



ECFFFF



003910



002500



000000



5EBA85



5EBA85



4BBA7A



71BA90

 39BA70

 83BA9A

 26BA65

 96BAA5

 14BA5A

 A8BAB0

 01BA4F

 BBBABB

 00BA4F

 CEBAC5

 E0BAD0

 F3BADB

 FFBAE5

Harmonies

Analogous

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



91B365



5EBA85



00BDAD

Triad

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



5EBA85



74AAF7



F08D7D

Complementary

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



5EBA85



BA5E93

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.



F388A3



5EBA85



B49BE9

Square

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



5EBA85



00B5EF



DF8ECB



DC9A61

Rectangle

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



5EBA85



00BCC8



DF8ECB



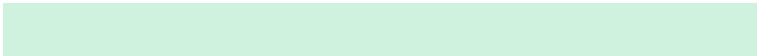
F38A89

Sweetspot

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



5EBA85



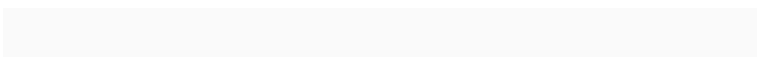
CEF2DD



94BA5E



647A6E



FAFAFA



7A7A7A

Same Dimension

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



5EBA85



63F2A0



5EBAB2



535C57



009C42



001C0C

Inverse Universe

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



BA5E93



F263B6



BA5E66



5C5358



9C005A



1C0010

Previews

White Background



This preview shows how the Hex color 5EBA85 looks on a white background.

Color Contrast Check

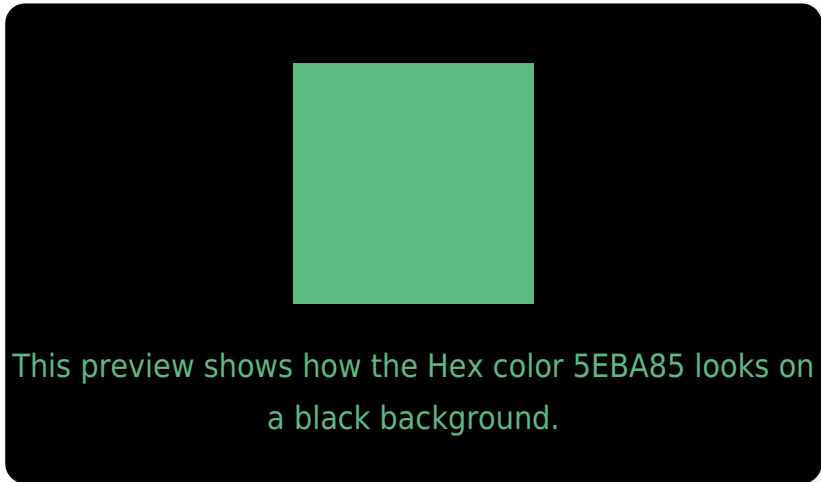
Large Text (above 18pt) WCAG AA × Fail

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 5EBA85 Background



This preview shows how black text looks on a background with the Hex color 5EBA85.

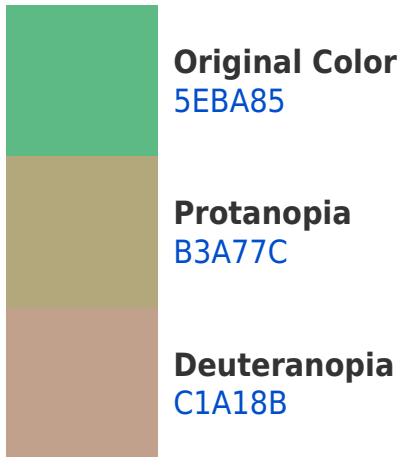


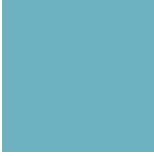
This preview shows how white text looks on a background with the Hex color 5EBA85.

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
6DB2C1

Trichromacy



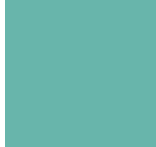
Original Color
5EBA85



Protanomaly
94AE7F



Deuteranomaly
9DAA89



Tritanomaly
68B5AB

Monochromacy



Original Color
5EBA85



Achromatopsia
989898



Achromatomaly
83A491

CSS Examples

Text

The CSS property to change the color of the text to Hex 5EBA85 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 #5EBA85 looks like.

```
.text, #text, p{  
    color:#5EBA85  
}
```

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 #5EBA85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EBA85
}
```

Border

The CSS property to change the border of an element to Hex 5EBA85 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
#5EBA85 }
```

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

```
.border{ border-color:#5EBA85 }
```

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

Here you see how a box with a 4 pixel #5EBA85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EBA85; -webkit-box-shadow:4px 4px  
4px 4px #5EBA85; box-shadow:4px 4px 4px  
4px #5EBA85 }
```

Background

The CSS property to change the background color of an element to Hex 5EBA85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EBA85 }
```

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

```
.background{ background-color:#5EBA85 }
```

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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