

Converting Colors

Hex(5B853B)

Have a look what the booklet for
Hex(5B853B) contains.

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Color

Hex(5B853B)

Conversions

Conversions Part 1

Format	Color
Hex	5B853B
RGB	91, 133, 59
RGB Percent	36%, 52%, 23%
CMY	0.6431, 0.4784, 0.7686
CMYK	0.32, 0.00, 0.56, 0.48
HSL	94°, 39%, 38%
HSV	94°, 56%, 52%
XYZ	13.4913, 19.3150, 7.1548
YIQ	112.0060, -1.2780, -31.9180

Conversions

Conversions Part 2

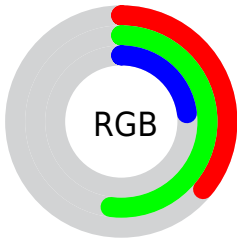
Format	Color
R_{YB}	59, 133, 101
Decimal	5997883
CIE _{Lab}	51.05, -28.20, 34.90
CIE _{LCh}	51, 44.874, 128.940
Yxy	19.3150, 0.3376, 0.4833
Android (android.graphics.Color)	4284187963 (0xFF5B853B)
YUV	112.0060, -26.1320, -18.4223
Hunter-Lab	43.9488, -22.1148, 21.1119

Details

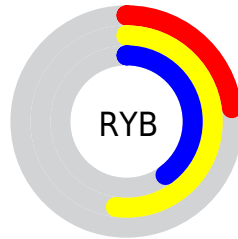
The Hex color **5B853B** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **653B85**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **8FBA6C**, and **295309** is the 20% darker color. If you saturate the color by 10%, you get **53852E**, and if you desaturate by 10%, it is **638548**.

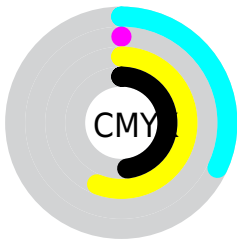
Distribution



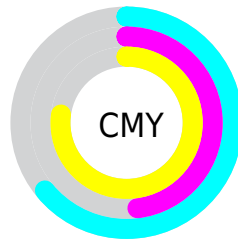
- Red (36%)
- Green (52%)
- Blue (23%)



- Red (23%)
- Yellow (52%)
- Blue (40%)



- Cyan (32%)
- Magenta (0%)
- Yellow (56%)
- Black (48%)



- Cyan (64%)
- Magenta (48%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B853B 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 5B853B by changing the saturation by 10% instead.



5B853B



5B853B

FFFFFF



426C23



8FBA6C



295309



ABD686



113B00



C6F3A1



002600



E3FFBC



000700



FFFFD8



000000



FFFFF5



5B853B



5B853B



53852E



638548

 4C8520

 6A8556

 448513

 728563

 3D8506

 798570

 3A8500

 81857E

 88858B

 908598

 9785A5

 9F85B3

Harmonies

Analogous

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



847B29



5B853B



168B5D

Triad

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



5B853B



0085C1



C05870

Complementary

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



5B853B



653B85

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.



B15D96



5B853B



487AC5

Square

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



5B853B



008BA9



8B6BB5



BB5F4B

Rectangle

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



5B853B



008C77



8B6BB5



BE587D

Sweetspot

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



5B853B



9DAD90



85653B



4D5745



D6D6D6



575757

Same Dimension

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



5B853B



6BAD39



3B8540



3F423C



388200



010300

Inverse Universe

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



653B85



7B39AD



853B80



3F3C42



4A0082



010003

Previews

White Background



This preview shows how the Hex color 5B853B looks on a white background.

Color Contrast Check

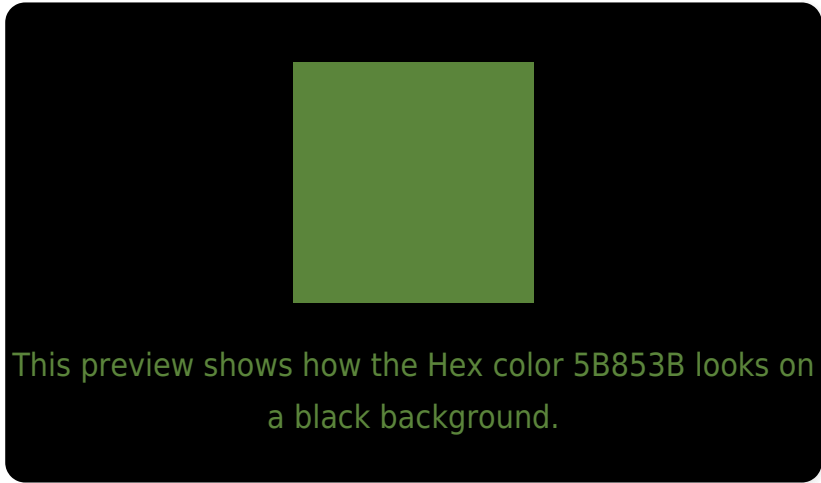
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex 5B853B Background



This preview shows how black text looks on a background with the Hex color 5B853B.




This preview shows how white text looks on a background with the Hex color 5B853B.

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
667D87

Trichromacy



Original Color
5B853B

Protanomaly
767D38

Deuteranomaly
807A3E

Tritanomaly
62806B

Monochromacy



Original Color
5B853B

Achromatopsia
707070

Achromatomaly
68785D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B853B 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 #5B853B looks like.

```
.text, #text, p{  
    color:#5B853B  
}
```

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 #5B853B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B853B
}
```

Border

The CSS property to change the border of an element to Hex 5B853B 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
#5B853B }
```

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

```
.border{ border-color:#5B853B }
```

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

Here you see how a box with a 4 pixel #5B853B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B853B; -webkit-box-shadow:4px 4px  
4px 4px #5B853B; box-shadow:4px 4px 4px  
4px #5B853B }
```

Background

The CSS property to change the background color of an element to Hex 5B853B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B853B }
```

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

```
.background{ background-color:#5B853B }
```

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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