

Converting Colors

Hex(53BA81)

Have a look what the booklet for
Hex(53BA81) contains.

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Color

Hex(53BA81)

Conversions

Conversions Part 1

Format	Color
Hex	53BA81
RGB	83, 186, 129
RGB Percent	33%, 73%, 51%
CMY	0.6745, 0.2706, 0.4941
CMYK	0.55, 0.00, 0.31, 0.27
HSL	147°, 43%, 53%
HSV	147°, 55%, 73%
XYZ	25.0886, 38.5418, 26.8859
YIQ	148.7050, -43.0910, -39.5630

Conversions

Conversions Part 2

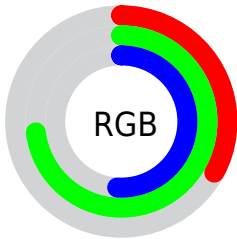
Format	Color
RYB	83, 154, 186
Decimal	5487233
CIELab	68.42, -43.13, 20.08
CIELCh	68, 47.576, 155.042
Yxy	38.5418, 0.2772, 0.4258
Android (android.graphics.Color)	4283677313 (0xFF53BA81)
YUV	148.7050, -9.7146, -57.6233
Hunter-Lab	62.0820, -36.5080, 17.7807

Details

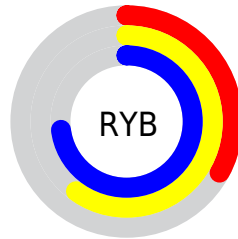
The Hex color **53BA81** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BA538C**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **8CF3B6**, and **0B844F** is the 20% darker color. If you saturate the color by 10%, you get **40BA77**, and if you desaturate by 10%, it is **66BA8B**.

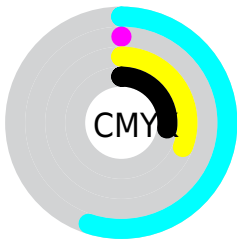
Distribution



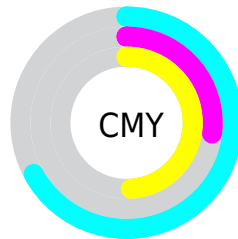
- Red (33%)
- Green (73%)
- Blue (51%)



- Red (33%)
- Yellow (60%)
- Blue (73%)



- Cyan (55%)
- Magenta (0%)
- Yellow (31%)
- Black (27%)



- Cyan (67%)
- Magenta (27%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53BA81 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 53BA81 by changing the saturation by 10% instead.

 53BA81

 53BA81

FFFFFF

 359F68

 8CF3B6

 0B844F

 A8FFD2

 006A38

 C5FFEE

 005122

 E3FFFF

 00390C

 002400

 000000

 53BA81

 53BA81

 40BA77

 66BA8B

 2EBA6C

 78BA96

 1BBA62

 8BBAA0

 09BA58

 9DBAAA

 00BA53

 B0BAB4

 C3BABF

 D5BAC9

 E8BAD3

 FABADE

Harmonies

Analogous

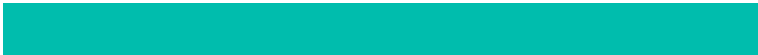
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8DB35E



53BA81



00BDAD

Triad

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



53BA81



6CA9FC



F48978

Complementary

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



53BA81



BA538C

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.



F783A1



53BA81



B499ED

Square

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



53BA81



00B5F4



E289CC



DE9859

Rectangle

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



53BA81



00BCCA



E289CC



F88685

Sweetspot

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



53BA81



C9F2DB



8DBA53



627A6D



FAFAFA



7A7A7A

Same Dimension

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



53BA81



52F29A



53BAB3



535C57



009C45



001C0D

Inverse Universe

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



BA538C



F252AB



BA535A



5C5358



9C0056



1C0010

Previews

White Background



This preview shows how the Hex color 53BA81 looks on a white background.

Color Contrast Check

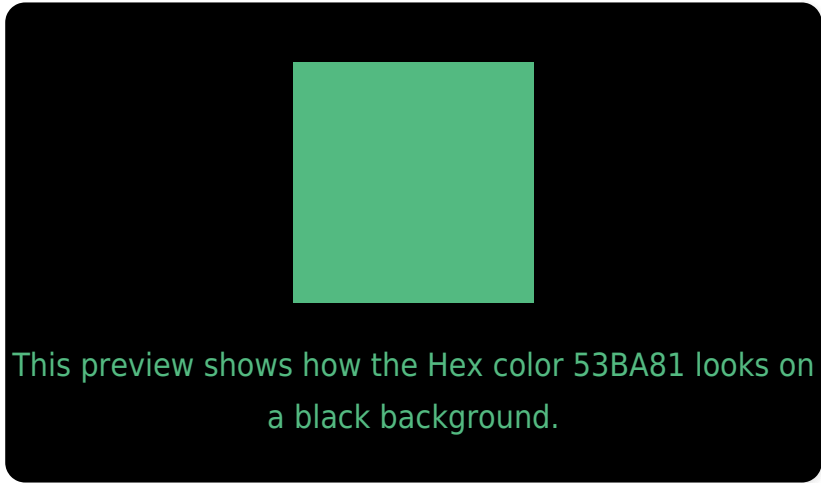
Large Text (above 18pt) WCAG AA × Fail

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

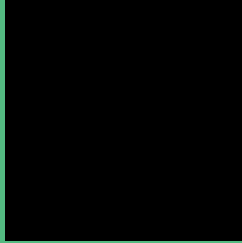
Any Text WCAG AA ✓ Pass

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 53BA81 Background



This preview shows how black text looks on a background with the Hex color 53BA81.

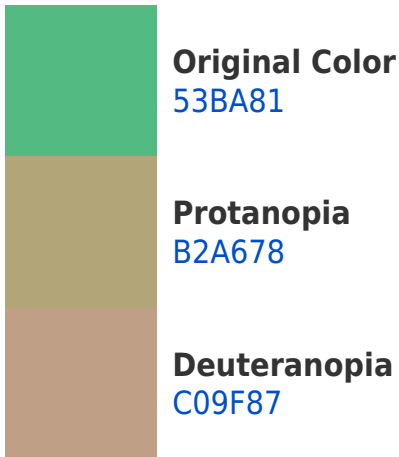


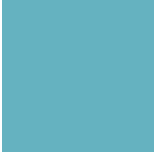
This preview shows how white text looks on a background with the Hex color 53BA81.

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
65B2C0

Trichromacy



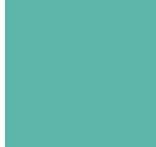
Original Color
53BA81



Protanomaly
8FAD7B



Deuteranomaly
98A985



Tritanomaly
5EB5A9

Monochromacy



Original Color
53BA81



Achromatopsia
959595



Achromatomaly
7DA28E

CSS Examples

Text

The CSS property to change the color of the text to Hex 53BA81 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 #53BA81 looks like.

```
.text, #text, p{  
    color:#53BA81  
}
```

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 #53BA81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53BA81
}
```

Border

The CSS property to change the border of an element to Hex 53BA81 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
#53BA81 }
```

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

```
.border{ border-color:#53BA81 }
```

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

Here you see how a box with a 4 pixel #53BA81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53BA81; -webkit-box-shadow:4px 4px  
4px 4px #53BA81; box-shadow:4px 4px 4px  
4px #53BA81 }
```

Background

The CSS property to change the background color of an element to Hex 53BA81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53BA81 }
```

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

```
.background{ background-color:#53BA81 }
```

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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