

Converting Colors

Hex(56B781)

Have a look what the booklet for
Hex(56B781) contains.

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Color

Hex(56B781)

Conversions

Conversions Part 1

Format	Color
Hex	56B781
RGB	86, 183, 129
RGB Percent	34%, 72%, 51%
CMY	0.6627, 0.2824, 0.4941
CMYK	0.53, 0.00, 0.30, 0.28
HSL	147°, 40%, 53%
HSV	147°, 53%, 72%
XYZ	24.7337, 37.4304, 26.6901
YIQ	147.8410, -40.4780, -37.3580

Conversions

Conversions Part 2

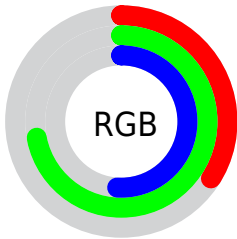
Format	Color
RYB	86, 153, 183
Decimal	5683073
CIELab	67.60, -41.12, 18.97
CIElCh	68, 45.285, 155.238
Yxy	37.4304, 0.2784, 0.4213
Android (android.graphics.Color)	4283873153 (0xFF56B781)
YUV	147.8410, -9.2886, -54.2346
Hunter-Lab	61.1804, -34.9026, 16.9609

Details

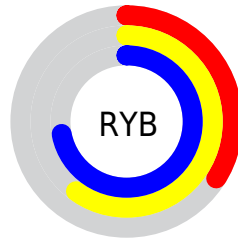
The Hex color **56B781** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B7568C**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **8EF0B6**, and **16814F** is the 20% darker color. If you saturate the color by 10%, you get **44B777**, and if you desaturate by 10%, it is **68B78B**.

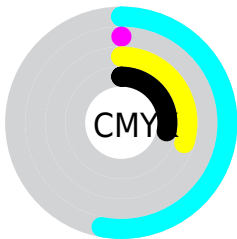
Distribution



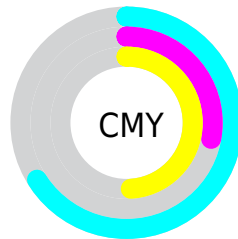
- Red (34%)
- Green (72%)
- Blue (51%)



- Red (34%)
- Yellow (60%)
- Blue (72%)



- Cyan (53%)
- Magenta (0%)
- Yellow (30%)
- Black (28%)



- Cyan (66%)
- Magenta (28%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56B781 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 56B781 by changing the saturation by 10% instead.

 56B781

 56B781

FFFFFF

 399C68

 8EF0B6

 16814F

 AAFFD2

 006738

 C7FFEE

 004F22

 E4FFFF

 00370D

 002200

 000000

 56B781

 56B781

 44B777

 68B78B

 31B76D

 7BB795

 1FB762

 8DB7A0

 0DB758

 9FB7AA

 00B751

 B2B7B4

 C4B7BE

 D6B7C8

 E8B7D3

 FBB7DD

Harmonies

Analogous

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



8CB060



56B781



00BAAB

Triad

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



56B781



6FA6F6



EE8978

Complementary

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



56B781



B7568C

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.



F1839F



56B781



B297E7

Square

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



56B781



00B2EE



DD89C8



D9965B

Rectangle

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



56B781



00B9C6



DD89C8



F28684

Sweetspot

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



56B781



C7EDD8



8DB756



61786B



F7F7F7



787878

Same Dimension

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



56B781



55ED99



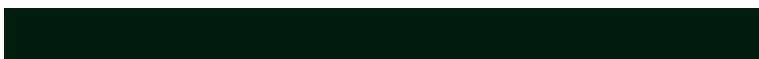
56B7B1



535C57



009C45



001C0C

Inverse Universe

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



B7568C



ED55AA



B7565C



5C5358



9C0057



1C0010

Previews

White Background



This preview shows how the Hex color 56B781 looks on a white background.

Color Contrast Check

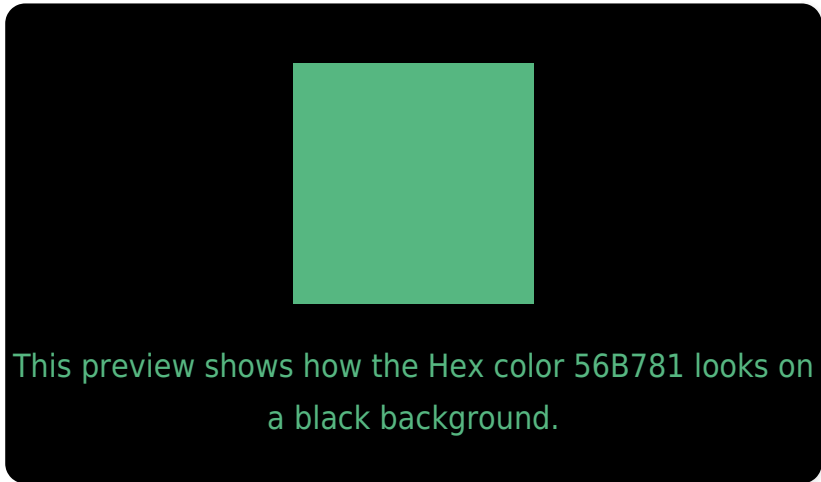
Large Text (above 18pt) WCAG AA × Fail

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

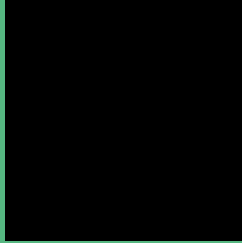
Any Text WCAG AA ✓ Pass

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 56B781 Background



This preview shows how black text looks on a background with the Hex color 56B781.

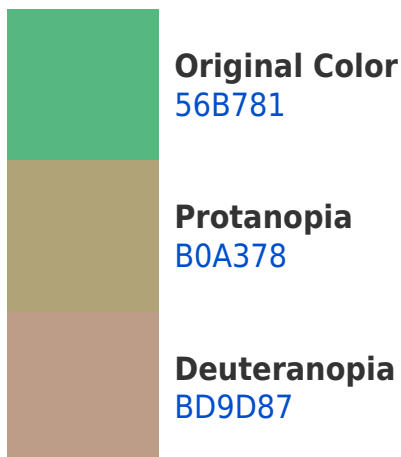


This preview shows how white text looks on a background with the Hex color 56B781.

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
67AFBD

Trichromacy



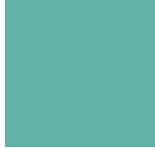
Original Color
56B781



Protanomaly
8FAA7B



Deuteranomaly
98A685



Tritanomaly
61B2A7

Monochromacy



Original Color
56B781



Achromatopsia
949494



Achromatomaly
7DA18D

CSS Examples

Text

The CSS property to change the color of the text to Hex 56B781 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 #56B781 looks like.

```
.text, #text, p{  
    color:#56B781  
}
```

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 #56B781 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56B781
}
```

Border

The CSS property to change the border of an element to Hex 56B781 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
#56B781 }
```

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

```
.border{ border-color:#56B781 }
```

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

Here you see how a box with a 4 pixel #56B781 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56B781; -webkit-box-shadow:4px 4px  
4px 4px #56B781; box-shadow:4px 4px 4px  
4px #56B781 }
```

Background

The CSS property to change the background color of an element to Hex 56B781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56B781 }
```

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

```
.background{ background-color:#56B781 }
```

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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