

Converting Colors

Hex(56BA87)

Have a look what the booklet for
Hex(56BA87) contains.

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Color

Hex(56BA87)

Conversions

Conversions Part 1

Format	Color
Hex	56BA87
RGB	86, 186, 135
RGB Percent	34%, 73%, 53%
CMY	0.6627, 0.2706, 0.4706
CMYK	0.54, 0.00, 0.27, 0.27
HSL	149°, 42%, 53%
HSV	149°, 54%, 73%
XYZ	25.7698, 38.8455, 29.0614
YIQ	150.2860, -43.2290, -37.0610

Conversions

Conversions Part 2

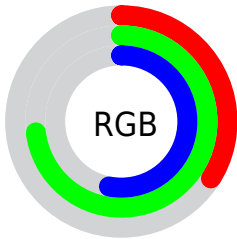
Format	Color
RYB	86, 153, 186
Decimal	5683847
CIELab	68.64, -41.21, 17.16
CIELCh	69, 44.640, 157.394
Yxy	38.8455, 0.2751, 0.4147
Android (android.graphics.Color)	4283873927 (0xFF56BA87)
YUV	150.2860, -7.5360, -56.3788
Hunter-Lab	62.3262, -35.2669, 15.9826

Details

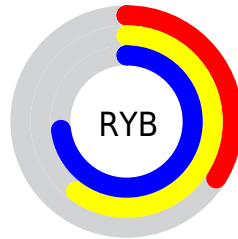
The Hex color **56BA87** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BA5689**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **8EF3BC**, and **148455** is the 20% darker color. If you saturate the color by 10%, you get **43BA7E**, and if you desaturate by 10%, it is **69BA90**.

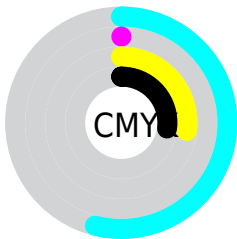
Distribution



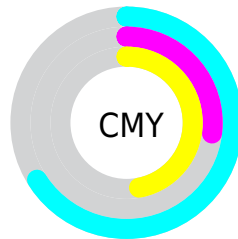
- Red (34%)
- Green (73%)
- Blue (53%)



- Red (34%)
- Yellow (60%)
- Blue (73%)



- Cyan (54%)
- Magenta (0%)
- Yellow (27%)
- Black (27%)



- Cyan (66%)
- Magenta (27%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56BA87 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 56BA87 by changing the saturation by 10% instead.

 56BA87

 56BA87

FFFFFF

 399F6E

 8EF3BC

 148455

 ABFFD8


 006A3E

 C8FFF5

 005127

 E5FFFF

 003912

 002400

 000000

 56BA87

 56BA87

 43BA7E

 69BA90

 31BA74

 7BBA9A

 1EBA6B

 8EBAA3

 0CBA61

 A0BAAD

 00BA5B

 B3BAB6

 C6BAC0

 D8BAC9

 EBBAD3

 FDBADC

Harmonies

Analogous

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



8CB365



56BA87



00BCB0

Triad

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



56BA87



79A8F7



F08D78

Complementary

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



56BA87



BA5689

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.



F4869F



56BA87



B899E8

Square

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



56BA87



00B4F1



E28BC7



DA9A5D

Rectangle

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



56BA87



00BCCB



E28BC7



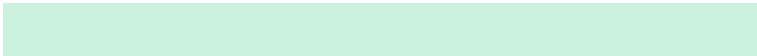
F38A84

Sweetspot

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



56BA87



CBF2DE



8ABA56



637A6F



FAFAFA



7A7A7A

Same Dimension

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



56BA87



55F2A2



56BAB8



535C57



009C4C



001C0E

Inverse Universe

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



BA5689



F255A5



BA5658



5C5357



9C004F



1C000E

Previews

White Background



This preview shows how the Hex color 56BA87 looks on a white background.

Color Contrast Check

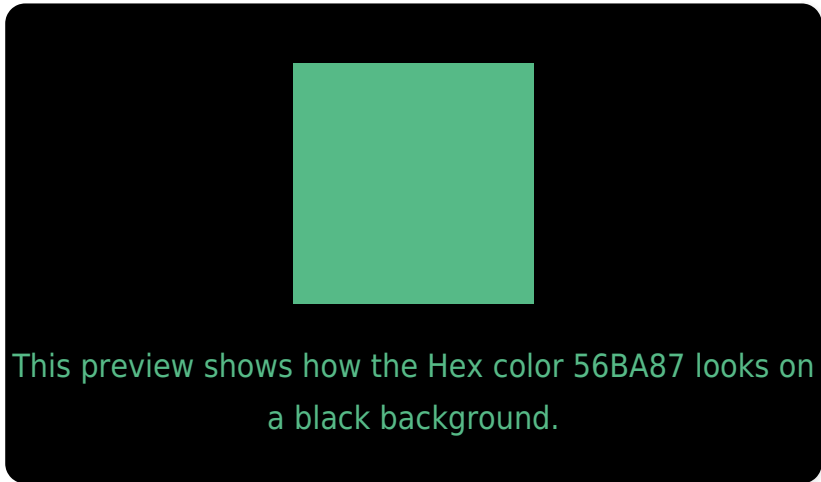
Large Text (above 18pt) WCAG AA × Fail

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 56BA87 Background



This preview shows how black text looks on a background with the Hex color 56BA87.

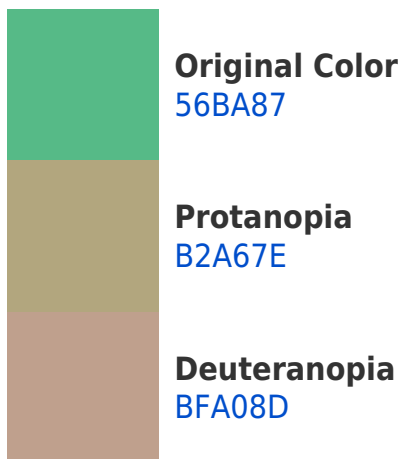


This preview shows how white text looks on a background with the Hex color 56BA87.

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](#).

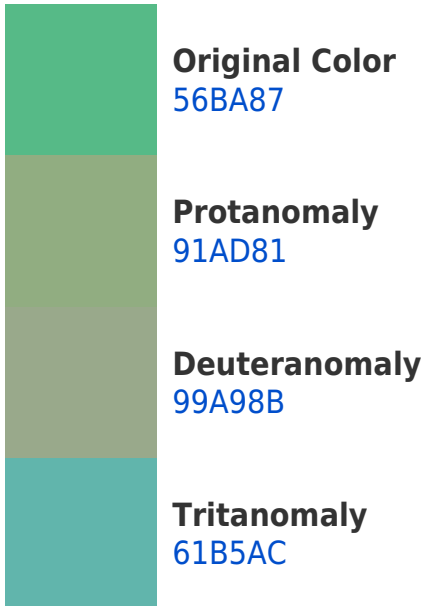
Dichromacy



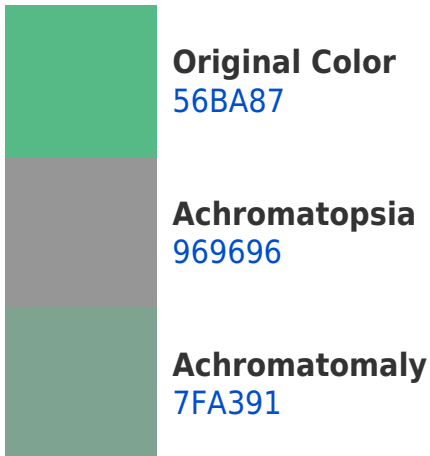


Tritanopia
67B2C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 56BA87 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 #56BA87 looks like.

```
.text, #text, p{  
    color:#56BA87  
}
```

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 #56BA87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56BA87
}
```

Border

The CSS property to change the border of an element to Hex 56BA87 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
#56BA87 }
```

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

```
.border{ border-color:#56BA87 }
```

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

Here you see how a box with a 4 pixel #56BA87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56BA87; -webkit-box-shadow:4px 4px  
4px 4px #56BA87; box-shadow:4px 4px 4px  
4px #56BA87 }
```

Background

The CSS property to change the background color of an element to Hex 56BA87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56BA87 }
```

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

```
.background{ background-color:#56BA87 }
```

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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