

Converting Colors

Hex(56B37B)

Have a look what the booklet for
Hex(56B37B) contains.

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Color

Hex(56B37B)

Conversions

Conversions Part 1

Format	Color
Hex	56B37B
RGB	86, 179, 123
RGB Percent	34%, 70%, 48%
CMY	0.6627, 0.2980, 0.5176
CMYK	0.52, 0.00, 0.31, 0.30
HSL	144°, 38%, 52%
HSV	144°, 52%, 70%
XYZ	23.5330, 35.6487, 24.3795
YIQ	144.8090, -37.4520, -37.1320

Conversions

Conversions Part 2

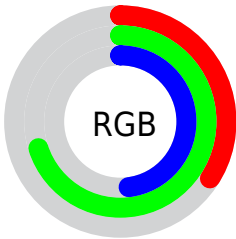
Format	Color
RYB	86, 153, 179
Decimal	5682043
CIELab	66.25, -40.56, 20.37
CIELCh	66, 45.388, 153.340
Yxy	35.6487, 0.2816, 0.4266
Android (android.graphics.Color)	4283872123 (0xFF56B37B)
YUV	144.8090, -10.7518, -51.5755
Hunter-Lab	59.7065, -34.1316, 17.5852

Details

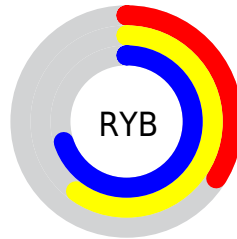
The Hex color **56B37B** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B3568E**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **8EEBB0**, and **187D4A** is the 20% darker color. If you saturate the color by 10%, you get **44B370**, and if you desaturate by 10%, it is **68B386**.

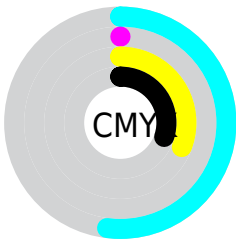
Distribution



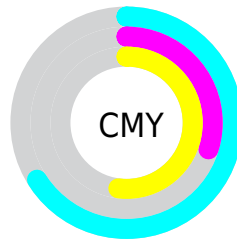
- Red (34%)
- Green (70%)
- Blue (48%)



- Red (34%)
- Yellow (60%)
- Blue (70%)



- Cyan (52%)
- Magenta (0%)
- Yellow (31%)
- Black (30%)



- Cyan (66%)
- Magenta (30%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56B37B 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 56B37B by changing the saturation by 10% instead.



56B37B



56B37B

FFFFFF



399862



8EEBB0



187D4A



AAFFCB



006433



C6FFE8



004B1D



E4FFFF



003306



001E00



000000



56B37B



56B37B



44B370



68B386

 32B365

 7AB391

 20B35B

 8CB39B

 0EB350

 9EB3A6

 00B347

 B0B3B1

 C1B3BC

 D3B3C6

 E5B3D1

 F7B3DC

Harmonies

Analogous

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



8BAC5B



56B37B



00B6A4

Triad

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



56B37B



65A4F2



EB8476

Complementary

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



56B37B



B3568E

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.



ED7F9E



56B37B



AA95E5

Square

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



56B37B



00AFE9



D786C6



D79259

Rectangle

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



56B37B



00B6C0



D786C6



EE8183

Sweetspot

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



56B37B



C3E8D2



8FB356



5F7568



F5F5F5



757575

Same Dimension

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



56B37B



58E891



56B3A8



505954



00993D



001A0A

Inverse Universe

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



B3568E



E858AF



B35661



595056



99005C



1A000F

Previews

White Background



This preview shows how the Hex color 56B37B looks on a white background.

Color Contrast Check

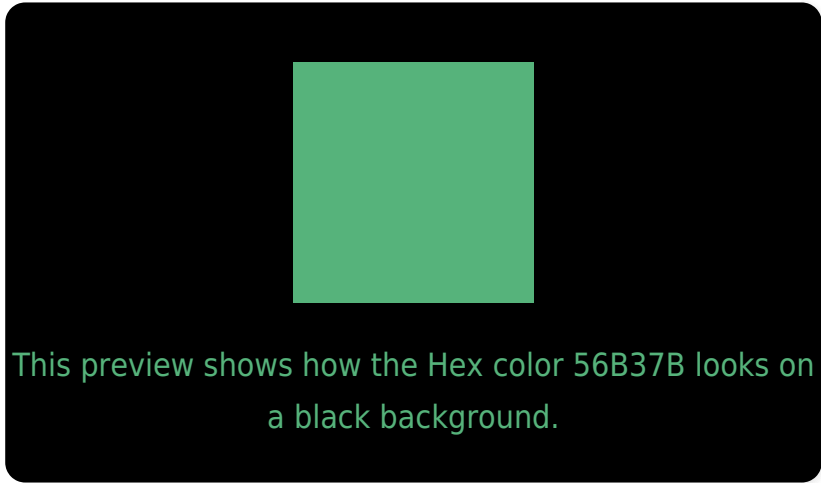
Large Text (above 18pt) WCAG AA × Fail

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

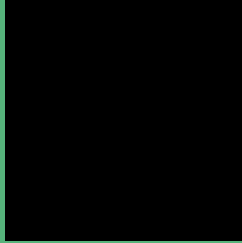
Any Text WCAG AA ✓ Pass

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 56B37B Background



This preview shows how black text looks on a background with the Hex color 56B37B.

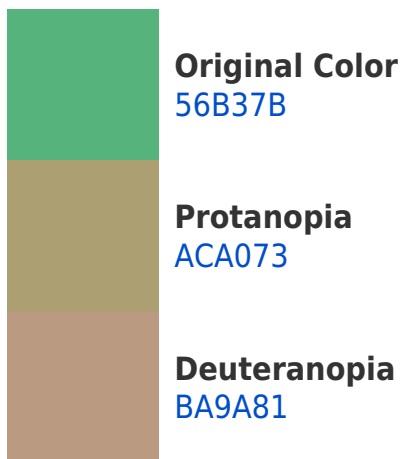


This preview shows how white text looks on a background with the Hex color 56B37B.

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
66ABB9

Trichromacy



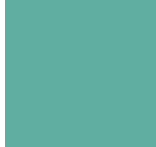
Original Color
56B37B



Protanomaly
8DA776



Deuteranomaly
96A37F



Tritanomaly
60AEA2

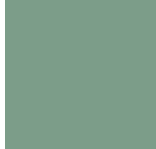
Monochromacy



Original Color
56B37B



Achromatopsia
919191



Achromatomaly
7C9D89

CSS Examples

Text

The CSS property to change the color of the text to Hex 56B37B 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 #56B37B looks like.

```
.text, #text, p{  
    color:#56B37B  
}
```

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 #56B37B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56B37B
}
```

Border

The CSS property to change the border of an element to Hex 56B37B 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
#56B37B }
```

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

```
.border{ border-color:#56B37B }
```

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

Here you see how a box with a 4 pixel #56B37B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56B37B; -webkit-box-shadow:4px 4px  
4px 4px #56B37B; box-shadow:4px 4px 4px  
4px #56B37B }
```

Background

The CSS property to change the background color of an element to Hex 56B37B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56B37B }
```

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

```
.background{ background-color:#56B37B }
```

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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