

# Converting Colors

Hex(5B876A)

Have a look what the booklet for  
Hex(5B876A) contains.

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# Color

**Hex(5B876A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5B876A
RGB	91, 135, 106
RGB Percent	36%, 53%, 42%
CMY	0.6431, 0.4706, 0.5843
CMYK	0.33, 0.00, 0.21, 0.47
HSL	140°, 19%, 44%
HSV	140°, 33%, 53%
XYZ	15.5799, 20.5927, 16.7893
YIQ	118.5380, -16.9150, -18.3470

# Conversions

## Conversions Part 2

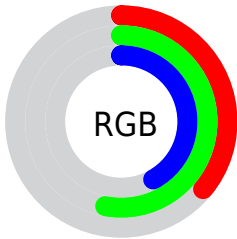
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 124, 135
Decimal	5998442
CIE <sub>Lab</sub>	52.50, -21.62, 10.86
CIE <sub>LCh</sub>	53, 24.196, 153.338
Yxy	20.5927, 0.2942, 0.3888
Android (android.graphics.Color)	4284188522 (0xFF5B876A)
YUV	118.5380, -6.1812, -24.1508
Hunter-Lab	45.3792, -18.1298, 9.8294

# Details

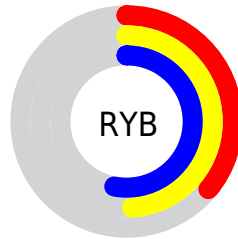
The Hex color **5B876A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **875B78**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **8EBC9D**, and **2B553B** is the 20% darker color. If you saturate the color by 10%, you get **4E8761**, and if you desaturate by 10%, it is **698773**.

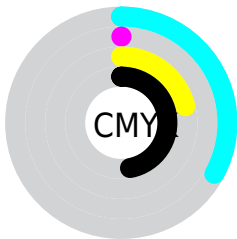
# Distribution



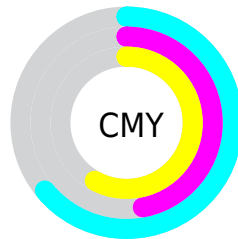
- Red (36%)
- Green (53%)
- Blue (42%)



- Red (36%)
- Yellow (49%)
- Blue (53%)



- Cyan (33%)
- Magenta (0%)
- Yellow (21%)
- Black (47%)



- Cyan (64%)
- Magenta (47%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B876A 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 5B876A by changing the saturation by 10% instead.





5B876A



5B876A

FFFFFF



426E52



8EBC9D



2B553B



A9D8B8



123D25



C5F5D4



002710



E1FFF0



001000

FEFFFF



000000



5B876A



5B876A



4E8761



698773



408758



76877C

■ 33874F

■ 848785

■ 258746

■ 91878E

■ 18873E

■ 9F8796

■ 0A8735

■ AC879F

■ 00872E

■ BA87A8

■ C787B1

■ D487BA

# Harmonies

## Analogous

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



73835A



5B876A



44897F

# Triad

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



5B876A



657EA6



A67067

# Complementary

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



5B876A



875B78

# 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.



A56E7C



5B876A



8377A0

# Square

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



5B876A



4884A2



9A7190



9B7659

# Rectangle

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



5B876A



3B888D



9A7190



A76F6E



# Sweetspot

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



5B876A



9EB0A4



78875B



4F5952



D9D9D9



595959



# Same Dimension

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



5B876A



6BB083



5B8780



3C423E



00822C



000301



# Inverse Universe

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



875B78



B06B99



875B62



423C40



820056



030002



# Previews

## White Background



This preview shows how the Hex color 5B876A looks on a white background.

## Color Contrast Check

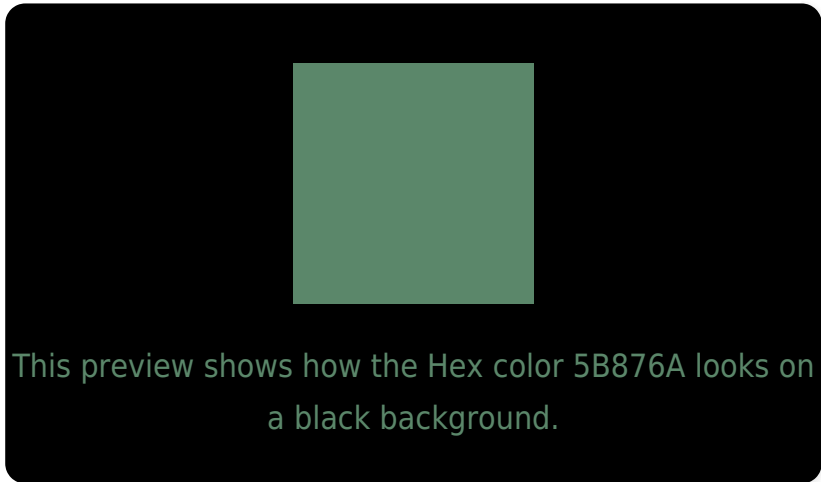
Large Text (above 18pt) WCAG AA ✓ Pass

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

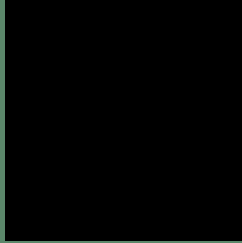
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5B876A Background



This preview shows how black text looks on a background with the Hex color 5B876A.

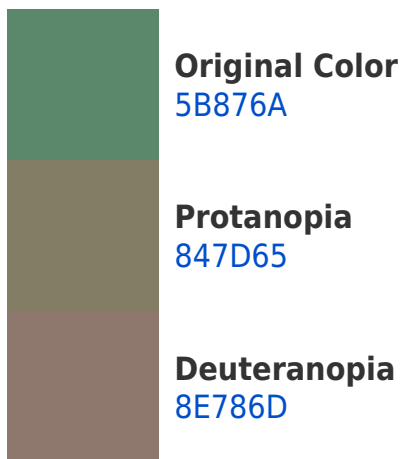



This preview shows how white text looks on a background with the Hex color 5B876A.

# 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**  
62828D

# Trichromacy



**Original Color**  
5B876A

**Protanomaly**  
758167

**Deuteranomaly**  
7B7D6C

**Tritanomaly**  
5F8480

# Monochromacy



**Original Color**  
5B876A

**Achromatopsia**  
777777

**Achromatomaly**  
6D7D72

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B876A 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 #5B876A looks like.

```
.text, #text, p{  
    color:#5B876A  
}
```

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 #5B876A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B876A
}
```

## Border

The CSS property to change the border of an element to Hex 5B876A 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
#5B876A }
```

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

```
.border{ border-color:#5B876A }
```

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

Here you see how a box with a 4 pixel #5B876A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B876A; -webkit-box-shadow:4px 4px  
4px 4px #5B876A; box-shadow:4px 4px 4px  
4px #5B876A }
```

# Background

The CSS property to change the background color of an element to Hex 5B876A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B876A }
```

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

```
.background{ background-color:#5B876A }
```

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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