

# Converting Colors

Hex(5A7865)

Have a look what the booklet for  
Hex(5A7865) contains.

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# Color

Hex(5A7865)

# Conversions

## Conversions Part 1

Format	Color
Hex	5A7865
RGB	90, 120, 101
RGB Percent	35%, 47%, 40%
CMY	0.6471, 0.5294, 0.6039
CMYK	0.25, 0.00, 0.16, 0.53
HSL	142°, 14%, 41%
HSV	142°, 25%, 47%
XYZ	13.2819, 16.5462, 14.8056
YIQ	108.8640, -11.7810, -12.2690

# Conversions

## Conversions Part 2

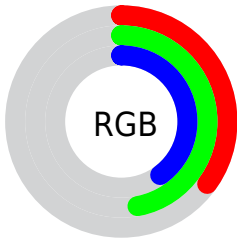
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	90, 112, 120
Decimal	5929061
CIE <sub>Lab</sub>	47.68, -15.03, 6.95
CIE <sub>LCh</sub>	48, 16.562, 155.178
Yxy	16.5462, 0.2976, 0.3707
Android (android.graphics.Color)	4284119141 (0xFF5A7865)
YUV	108.8640, -3.8770, -16.5437
Hunter-Lab	40.6770, -12.9008, 6.8935

# Details

The Hex color **5A7865** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **785A6D**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **8DAC98**, and **2B4736** is the 20% darker color. If you saturate the color by 10%, you get **4E785D**, and if you desaturate by 10%, it is **66786D**.

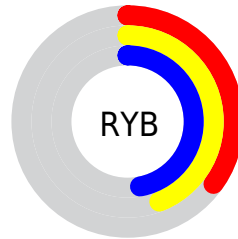
# Distribution



Red (35%)

Green (47%)

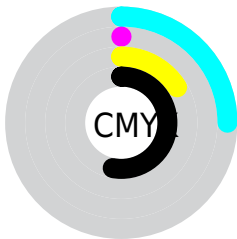
Blue (40%)



Red (35%)

Yellow (44%)

Blue (47%)

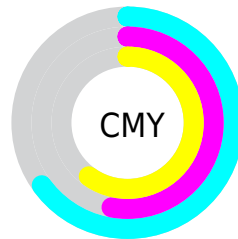


Cyan (25%)

Magenta (0%)

Yellow (16%)

Black (53%)



Cyan (65%)

Magenta (53%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A7865 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 5A7865 by changing the saturation by 10% instead.



■ 5A7865

■ 5A7865

FFFFFF

■ 425F4D

■ 8DAC98

■ 2B4736

■ A7C8B3

■ 153121

■ C3E4CE

■ 001C0A

■ DFFFEA

■ 000000

■ FBFFFF

■ 5A7865

■ 5A7865

■ 4E785D

■ 66786D

■ 427856

■ 727874

 36784E

 7E787C

 2A7847

 8A7883

 1E783F

 96788B

 127837

 A27893

 067830

 AE789A

 00782C

 BA78A2

 C678A9

# Harmonies

## Analogous

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



6A755A



5A7865



4E7973

# Triad

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



5A7865



64728D



8D6962

# Complementary

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



5A7865



785A6D

# 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.



8D676F



5A7865



776D88

# Square

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



5A7865



53768A



85697D



866C58

# Rectangle

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



5A7865



4A797C



85697D



8E6866



# Sweetspot

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



5A7865



8F9C94



6D785A



474F4A



CFCFCF



4F4F4F



# Same Dimension

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



5A7865



6D9C7E



5A7873



373D39



007D2E



00FC5D



# Inverse Universe

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



785A6D



9C6D8A



785A5E



3D373B



7D004F



FC00A0



# Previews

## White Background



This preview shows how the Hex color 5A7865 looks on a white background.

## Color Contrast Check

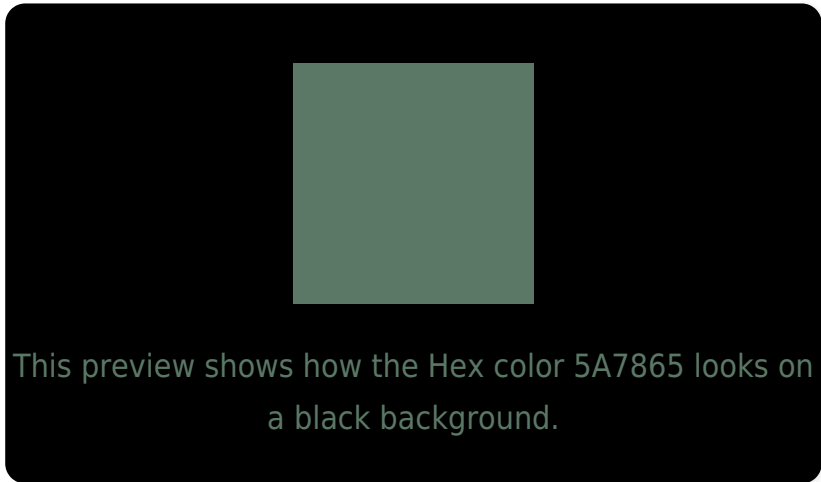
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

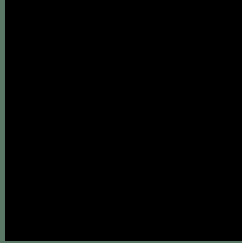
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5A7865 Background



This preview shows how black text looks on a background with the Hex color 5A7865.

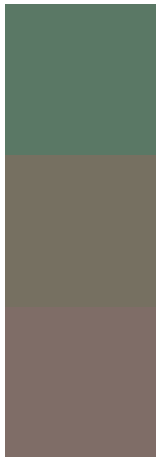


This preview shows how white text looks on a background with the Hex color 5A7865.

# 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



**Original Color**  
5A7865

**Protanopia**  
767061

**Deuteranopia**  
7F6D67



**Tritanopia**  
5F757E

# Trichromacy



**Original Color**  
5A7865

**Protanomaly**  
6C7362

**Deuteranomaly**  
727166

**Tritanomaly**  
5D7675

# Monochromacy



**Original Color**  
5A7865

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
66716A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A7865 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 #5A7865 looks like.

```
.text, #text, p{  
    color:#5A7865  
}
```

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 #5A7865 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A7865
}
```

## Border

The CSS property to change the border of an element to Hex 5A7865 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
#5A7865 }
```

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

```
.border{ border-color:#5A7865 }
```

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

Here you see how a box with a 4 pixel #5A7865 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A7865; -webkit-box-shadow:4px 4px  
4px 4px #5A7865; box-shadow:4px 4px 4px  
4px #5A7865 }
```

# Background

The CSS property to change the background color of an element to Hex 5A7865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A7865 }
```

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

```
.background{ background-color:#5A7865 }
```

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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