

Converting Colors

Hex(5B827C)

Have a look what the booklet for
Hex(5B827C) contains.

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Color

Hex(5B827C)

Conversions

Conversions Part 1

Format	Color
Hex	5B827C
RGB	91, 130, 124
RGB Percent	36%, 51%, 49%
CMY	0.6431, 0.4902, 0.5137
CMYK	0.30, 0.00, 0.05, 0.49
HSL	171°, 18%, 43%
HSV	171°, 30%, 51%
XYZ	15.9351, 19.6446, 22.0207
YIQ	117.6550, -21.3180, -10.1340

Conversions

Conversions Part 2

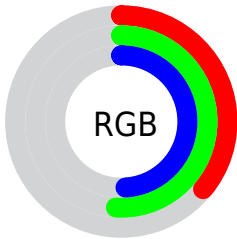
Format	Color
R_{YB}	91, 112, 130
Decimal	5997180
CIE _{Lab}	51.43, -14.96, -1.13
CIE _{LCh}	51, 14.999, 184.329
Yxy	19.6446, 0.2766, 0.3411
Android (android.graphics.Color)	4284187260 (0xFF5B827C)
YUV	117.6550, 3.1281, -23.3764
Hunter-Lab	44.3223, -13.3882, 1.5685

Details

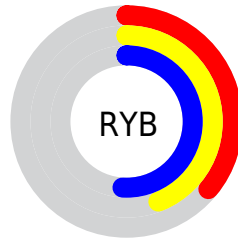
The Hex color **5B827C** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **825B61**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **8EB7B0**, and **2B514B** is the 20% darker color. If you saturate the color by 10%, you get **4E827A**, and if you desaturate by 10%, it is **68827E**.

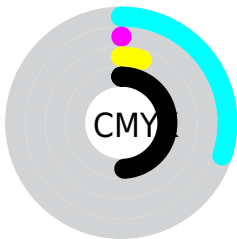
Distribution



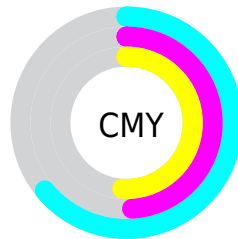
- Red (36%)
- Green (51%)
- Blue (49%)



- Red (36%)
- Yellow (44%)
- Blue (51%)



- Cyan (30%)
- Magenta (0%)
- Yellow (5%)
- Black (49%)



- Cyan (64%)
- Magenta (49%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B827C 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 5B827C by changing the saturation by 10% instead.



5B827C



5B827C

FFFFFF



436963



8EB7B0



2B514B



A9D3CC



133935



C5EFE8



002420



E1FFFF



000A08

FEFFFF



000000



5B827C



5B827C



4E827A



68827E



418278



758280

■ 348276

■ 828282

■ 278274

■ 8F8284

■ 1A8272

■ 9C8286

■ 0D8270

■ A98288

■ 00826E

■ B6828A

■ C3828C

■ D0828E

Harmonies

Analogous

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



66816F



5B827C



588188

Triad

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



5B827C



7F7790



8E7664

Complementary

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



5B827C



825B61

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.



95736D



5B827C



8D7386

Square

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



5B827C



6E7B94



947279



837A61

Rectangle

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



5B827C



5C808F



947279



917566

Sweetspot

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



5B827C



99A8A6



62825B



4B5453



D4D4D4



545454

Same Dimension

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



5B827C



6CA89F



5B7582



39403F



00806C



000000

Inverse Universe

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



825B61



A86C75



82685B



40393A



800014



000000

Previews

White Background



This preview shows how the Hex color 5B827C looks on a white background.

Color Contrast Check

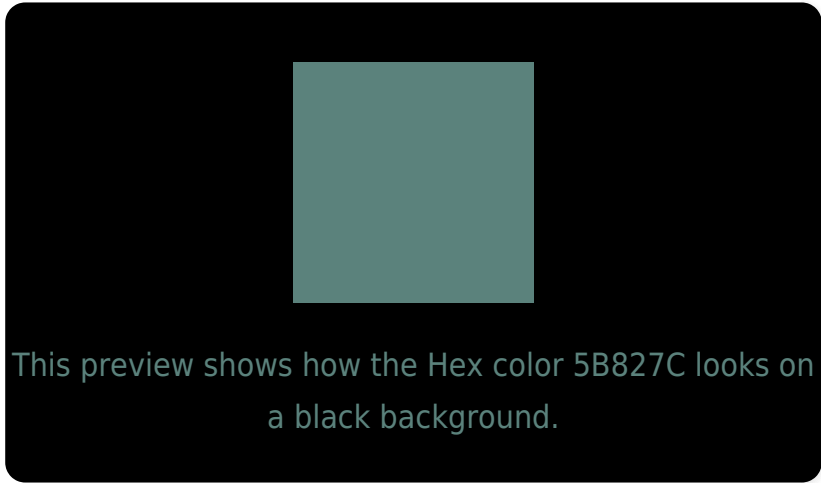
Large Text (above 18pt) WCAG AA ✓ Pass

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

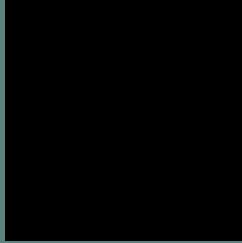
Any Text WCAG AA ✓ Pass

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 5B827C Background



This preview shows how black text looks on a background with the Hex color 5B827C.

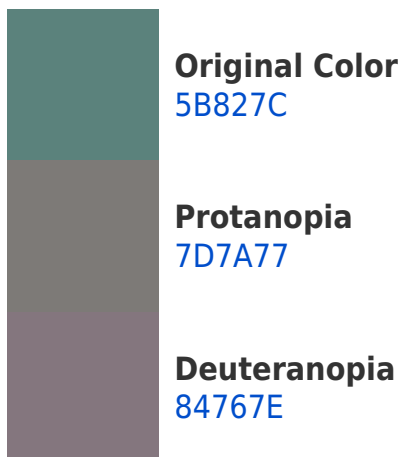


This preview shows how white text looks on a background with the Hex color 5B827C.

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
5E808A

Trichromacy



Original Color
5B827C

Protanomaly
717D79

Deuteranomaly
757A7D

Tritanomaly
5D8185

Monochromacy



Original Color
5B827C

Achromatopsia
767676

Achromatomaly
6C7A78

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B827C 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 #5B827C looks like.

```
.text, #text, p{  
    color:#5B827C  
}
```

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 #5B827C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B827C
}
```

Border

The CSS property to change the border of an element to Hex 5B827C 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
#5B827C }
```

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

```
.border{ border-color:#5B827C }
```

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

Here you see how a box with a 4 pixel #5B827C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B827C; -webkit-box-shadow:4px 4px  
4px 4px #5B827C; box-shadow:4px 4px 4px  
4px #5B827C }
```

Background

The CSS property to change the background color of an element to Hex 5B827C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B827C }
```

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

```
.background{ background-color:#5B827C }
```

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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