

Converting Colors

Hex(5B8271)

Have a look what the booklet for
Hex(5B8271) contains.

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Color

Hex(5B8271)

Conversions

Conversions Part 1

Format	Color
Hex	5B8271
RGB	91, 130, 113
RGB Percent	36%, 51%, 44%
CMY	0.6431, 0.4902, 0.5569
CMYK	0.30, 0.00, 0.13, 0.49
HSL	154°, 18%, 43%
HSV	154°, 30%, 51%
XYZ	15.2777, 19.3817, 18.5586
YIQ	116.4010, -17.7870, -13.5550

Conversions

Conversions Part 2

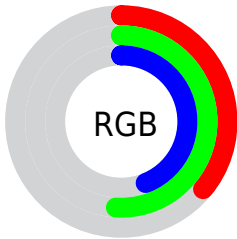
Format	Color
R_{YB}	91, 116, 130
Decimal	5997169
CIE _{Lab}	51.13, -17.50, 4.85
CIE _{LCh}	51, 18.159, 164.500
Yxy	19.3817, 0.2871, 0.3642
Android (android.graphics.Color)	4284187249 (0xFF5B8271)
YUV	116.4010, -1.6767, -22.2767
Hunter-Lab	44.0246, -15.0991, 5.8235

Details

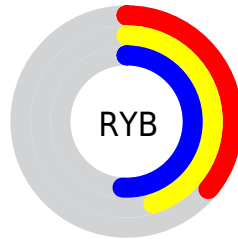
The Hex color **5B8271** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **825B6C**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **8EB7A5**, and **2B5041** is the 20% darker color. If you saturate the color by 10%, you get **4E826B**, and if you desaturate by 10%, it is **688277**.

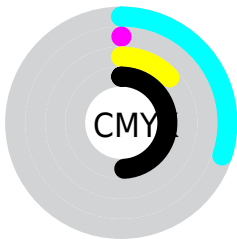
Distribution



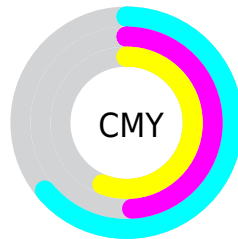
- Red (36%)
- Green (51%)
- Blue (44%)



- Red (36%)
- Yellow (45%)
- Blue (51%)



- Cyan (30%)
- Magenta (0%)
- Yellow (13%)
- Black (49%)



- Cyan (64%)
- Magenta (49%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B8271 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 5B8271 by changing the saturation by 10% instead.

 5B8271

 5B8271

FFFFFF

 436959

 8EB7A5

 2B5041

 A9D3C0

 14392B

 C4EFDC

 002317

 E1FFF8

 000800

 FDFFFF

 000000

 5B8271

 5B8271

 4E826B

 688277

 418266

 75827C

■ 348260

■ 828282

■ 27825A

■ 8F8288

■ 1A8255

■ 9C828D

■ 0D824F

■ A98293

■ 008249

■ B68299

■ C3829E

■ D082A4

Harmonies

Analogous

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



6C7F63



5B8271



4F8381

Triad

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



5B8271



727998



977165

Complementary

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



5B8271



825B6C

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.



9A6F73



5B8271



867390

Square

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



5B8271



5D7E97



947082



8D765C

Rectangle

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



5B8271



4E828B



947082



997069

Sweetspot

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



5B8271



99A8A2



6D825B



4B5450



D4D4D4



545454

Same Dimension

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



5B8271



6CA88E



5B8082



39403D



008048



000000

Inverse Universe

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



825B6C



A86C86



825D5B



40393C



800038



000000

Previews

White Background



This preview shows how the Hex color 5B8271 looks on a white background.

Color Contrast Check

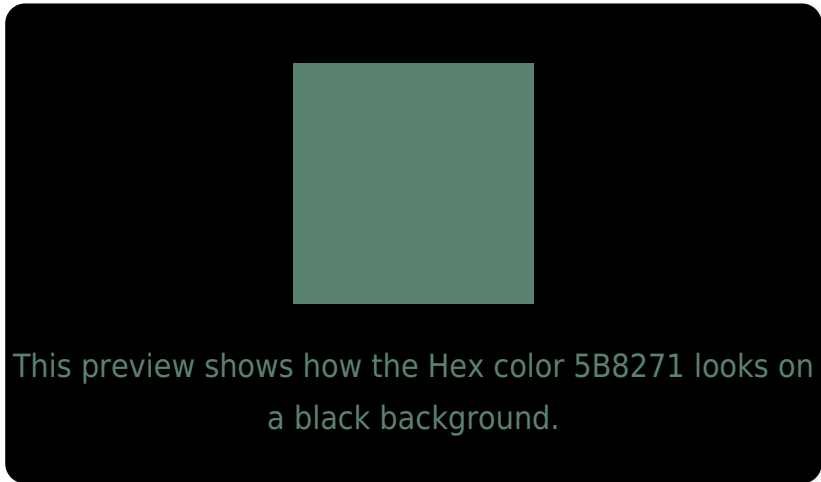
Large Text (above 18pt) WCAG AA ✓ Pass

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

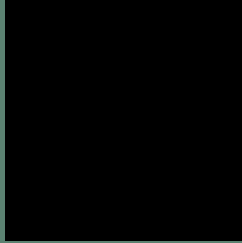
Any Text WCAG AA ✓ Pass

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 5B8271 Background



This preview shows how black text looks on a background with the Hex color 5B8271.

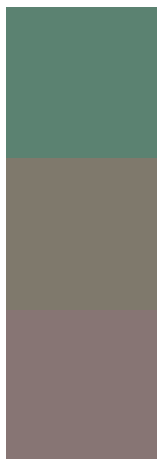


This preview shows how white text looks on a background with the Hex color 5B8271.

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
5B8271

Protanopia
7F796C

Deuteranopia
877574



Tritanopia
607F89

Trichromacy



Original Color
5B8271

Protanomaly
727C6E

Deuteranomaly
777A73

Tritanomaly
5E8080

Monochromacy



Original Color
5B8271

Achromatopsia
747474

Achromatomaly
6B7973

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B8271 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 #5B8271 looks like.

```
.text, #text, p{  
    color:#5B8271  
}
```

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 #5B8271 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B8271
}
```

Border

The CSS property to change the border of an element to Hex 5B8271 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
#5B8271 }
```

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

```
.border{ border-color:#5B8271 }
```

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

Here you see how a box with a 4 pixel #5B8271 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B8271; -webkit-box-shadow:4px 4px  
4px 4px #5B8271; box-shadow:4px 4px 4px  
4px #5B8271 }
```

Background

The CSS property to change the background color of an element to Hex 5B8271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B8271 }
```

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

```
.background{ background-color:#5B8271 }
```

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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