

Converting Colors

Hex(5B826B)

Have a look what the booklet for
Hex(5B826B) contains.

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Color

Hex(5B826B)

Conversions

Conversions Part 1

Format	Color
Hex	5B826B
RGB	91, 130, 107
RGB Percent	36%, 51%, 42%
CMY	0.6431, 0.4902, 0.5804
CMYK	0.30, 0.00, 0.18, 0.49
HSL	145°, 18%, 43%
HSV	145°, 30%, 51%
XYZ	14.9509, 19.2509, 16.8377
YIQ	115.7170, -15.8610, -15.4210

Conversions

Conversions Part 2

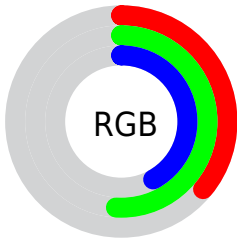
Format	Color
R_{YB}	91, 119, 130
Decimal	5997163
CIE Lab	50.98, -18.80, 8.13
CIE LCh	51, 20.482, 156.609
Yxy	19.2509, 0.2929, 0.3772
Android (android.graphics.Color)	4284187243 (0xFF5B826B)
YUV	115.7170, -4.2975, -21.6768
Hunter-Lab	43.8759, -15.9584, 7.9601

Details

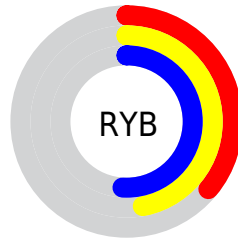
The Hex color **5B826B** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **825B72**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **8EB79E**, and **2B503C** is the 20% darker color. If you saturate the color by 10%, you get **4E8263**, and if you desaturate by 10%, it is **688273**.

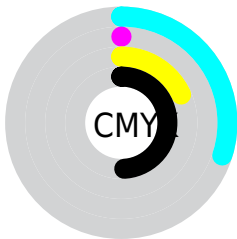
Distribution



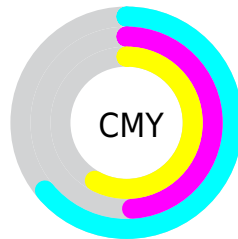
- Red (36%)
- Green (51%)
- Blue (42%)



- Red (36%)
- Yellow (47%)
- Blue (51%)



- Cyan (30%)
- Magenta (0%)
- Yellow (18%)
- Black (49%)



- Cyan (64%)
- Magenta (49%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B826B 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 5B826B by changing the saturation by 10% instead.

 5B826B

 5B826B

FFFFFF

 436953

 8EB79E

 2B503C

 A9D3B9

 143926

 C4EFD5

 002311

 E1FFF1

 000700

 FDFFFF

 000000

 5B826B

 5B826B

 4E8263

 688273

 41825C

 75827A

■ 348254

■ 828282

■ 27824C

■ 8F828A

■ 1A8245

■ 9C8291

■ 0D823D

■ A98299

■ 008235

■ B682A1

■ C382A8

■ D082B0

Harmonies

Analogous

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



6F7F5D



5B826B



4A837D

Triad

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



5B826B



697A9C



9B6F65

Complementary

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



5B826B



825B72

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.



9C6D76



5B826B



817495

Square

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



5B826B



527F99



936F88



92745A

Rectangle

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



5B826B



458388



936F88



9D6E6B

Sweetspot

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



5B826B



99A89F



72825B



4B544F



D4D4D4



545454

Same Dimension

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



5B826B



6CA885



5B827E



39403C



008034



000000

Inverse Universe

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



825B72



A86C8F



825B5F



40393D



80004B



000000

Previews

White Background



This preview shows how the Hex color 5B826B looks on a white background.

Color Contrast Check

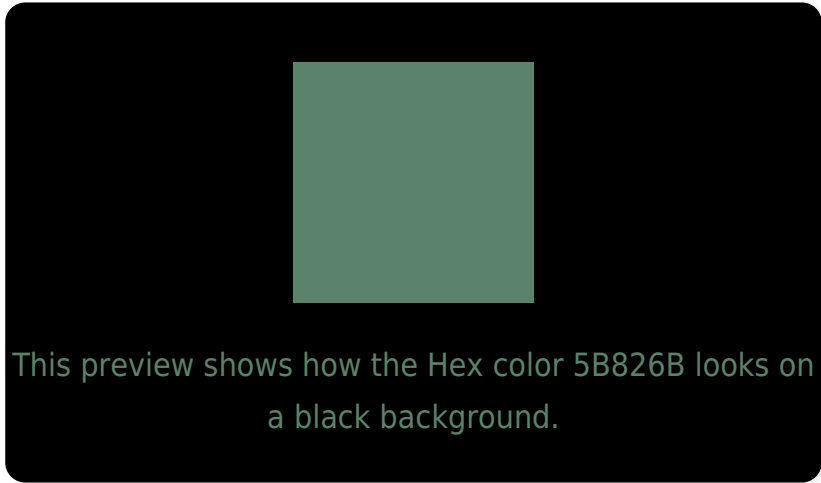
Large Text (above 18pt) WCAG AA ✓ Pass

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

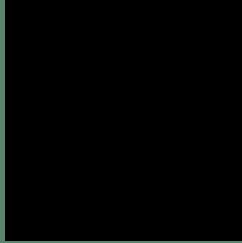
Any Text WCAG AA ✓ Pass

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 5B826B Background



This preview shows how black text looks on a background with the Hex color 5B826B.



This preview shows how white text looks on a background with the Hex color 5B826B.

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
5B826B

Protanopia
7F7966

Deuteranopia
89756E



Tritanopia
617E88

Trichromacy



Original Color
5B826B

Protanomaly
727C68

Deuteranomaly
787A6D

Tritanomaly
5F7F7D

Monochromacy



Original Color
5B826B

Achromatopsia
747474

Achromatomaly
6B7971

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B826B 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 #5B826B looks like.

```
.text, #text, p{  
    color:#5B826B  
}
```

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 #5B826B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B826B
}
```

Border

The CSS property to change the border of an element to Hex 5B826B 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
#5B826B }
```

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

```
.border{ border-color:#5B826B }
```

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

Here you see how a box with a 4 pixel #5B826B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B826B; -webkit-box-shadow:4px 4px  
4px 4px #5B826B; box-shadow:4px 4px 4px  
4px #5B826B }
```

Background

The CSS property to change the background color of an element to Hex 5B826B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B826B }
```

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

```
.background{ background-color:#5B826B }
```

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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