

Converting Colors

Hex(5D8B70)

Have a look what the booklet for
Hex(5D8B70) contains.

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Color

Hex(5D8B70)

Conversions

Conversions Part 1

Format	Color
Hex	5D8B70
RGB	93, 139, 112
RGB Percent	36%, 55%, 44%
CMY	0.6353, 0.4549, 0.5608
CMYK	0.33, 0.00, 0.19, 0.45
HSL	145°, 20%, 45%
HSV	145°, 33%, 55%
XYZ	16.6715, 21.9622, 18.6897
YIQ	122.1680, -18.7490, -18.1490

Conversions

Conversions Part 2

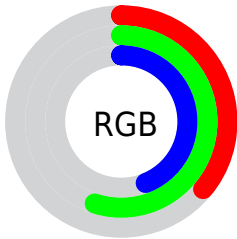
Format	Color
RYB	93, 126, 139
Decimal	6130544
CIELab	53.99, -21.78, 9.52
CIELCh	54, 23.770, 156.398
Yxy	21.9622, 0.2908, 0.3831
Android (android.graphics.Color)	4284320624 (0xFF5D8B70)
YUV	122.1680, -5.0128, -25.5803
Hunter-Lab	46.8639, -18.5119, 9.1594

Details

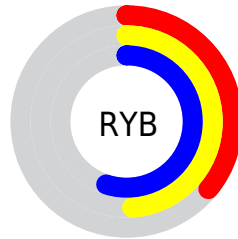
The Hex color **5D8B70** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8B5D78**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **91C1A4**, and **2C5940** is the 20% darker color. If you saturate the color by 10%, you get **4F8B68**, and if you desaturate by 10%, it is **6B8B78**.

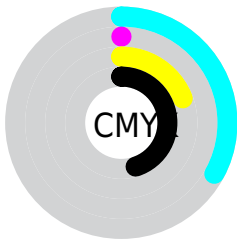
Distribution



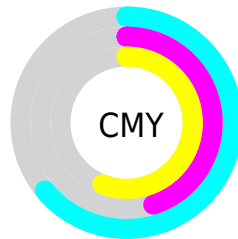
- Red (36%)
- Green (55%)
- Blue (44%)



- Red (36%)
- Yellow (49%)
- Blue (55%)



- Cyan (33%)
- Magenta (0%)
- Yellow (19%)
- Black (45%)



- Cyan (64%)
- Magenta (45%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D8B70 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 5D8B70 by changing the saturation by 10% instead.



5D8B70



5D8B70

FFFFFF



447158



91C1A4



2C5940



ACDDBF



14412A



C7F9DB



002B16



E4FFF7



001600



000000



5D8B70



5D8B70



4F8B68



6B8B78



418B60



798B80

■ 338B58

■ 878B88

■ 258B4F

■ 958B91

■ 178B47

■ A38B99

■ 0A8B3F

■ B08BA1

■ 008B39

■ BE8BA9

■ CC8BB1

■ DA8BB9

Harmonies

Analogous

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



758760



5D8B70



488C85

Triad

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



5D8B70



6D81A9



A8746A

Complementary

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



5D8B70



8B5D78

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.



A9727D



5D8B70



8A7AA2

Square

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



5D8B70



5088A6



9F7492



9D7A5C

Rectangle

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



5D8B70



418C93



9F7492



AA7370

Sweetspot

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



5D8B70



A3B5AA



798B5D



515C55



DBDBDB



5C5C5C

Same Dimension

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



5D8B70



6DB58B



5D8B86



3E4541



008537



000502

Inverse Universe

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



8B5D78



B56D97



8B5D62



453E42



85004E



050003

Previews

White Background



This preview shows how the Hex color 5D8B70 looks on a white background.

Color Contrast Check

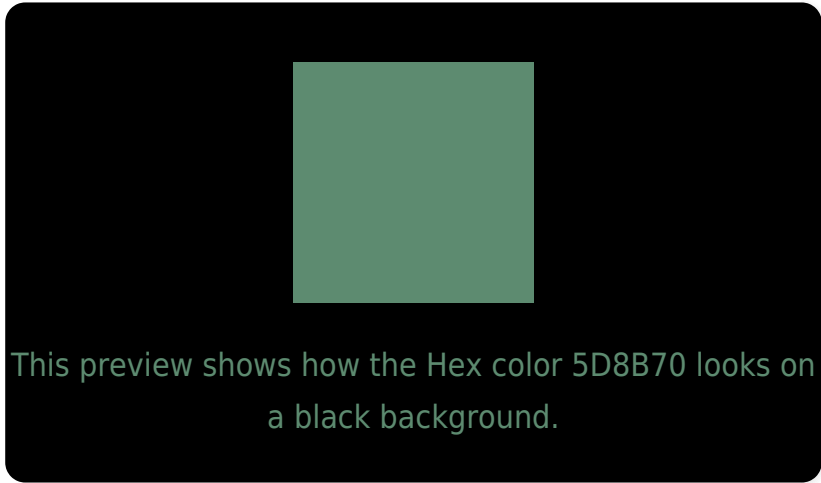
Large Text (above 18pt) WCAG AA ✓ Pass

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

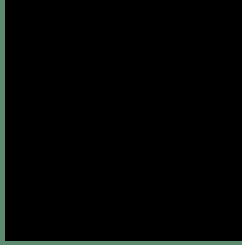
Any Text WCAG AA ✓ Pass

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 5D8B70 Background



This preview shows how black text looks on a background with the Hex color 5D8B70.




This preview shows how white text looks on a background with the Hex color 5D8B70.

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
648691

Trichromacy



Original Color
5D8B70

Protanomaly
78846D

Deuteranomaly
7F8172

Tritanomaly
618885

Monochromacy



Original Color
5D8B70

Achromatopsia
7A7A7A

Achromatomaly
6F8076

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D8B70 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 #5D8B70 looks like.

```
.text, #text, p{  
    color:#5D8B70  
}
```

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 #5D8B70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D8B70
}
```

Border

The CSS property to change the border of an element to Hex 5D8B70 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
#5D8B70 }
```

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

```
.border{ border-color:#5D8B70 }
```

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

Here you see how a box with a 4 pixel #5D8B70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D8B70; -webkit-box-shadow:4px 4px  
4px 4px #5D8B70; box-shadow:4px 4px 4px  
4px #5D8B70 }
```

Background

The CSS property to change the background color of an element to Hex 5D8B70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D8B70 }
```

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

```
.background{ background-color:#5D8B70 }
```

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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