

Converting Colors

Hex(5D8C76)

Have a look what the booklet for
Hex(5D8C76) contains.

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Color

Hex(5D8C76)

Conversions

Conversions Part 1

Format	Color
Hex	5D8C76
RGB	93, 140, 118
RGB Percent	36%, 55%, 46%
CMY	0.6353, 0.4510, 0.5373
CMYK	0.34, 0.00, 0.16, 0.45
HSL	152°, 20%, 46%
HSV	152°, 34%, 55%
XYZ	17.1623, 22.3913, 20.5570
YIQ	123.4390, -20.9500, -16.8060

Conversions

Conversions Part 2

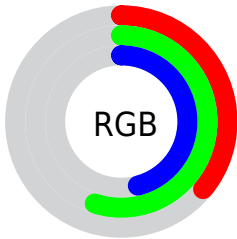
Format	Color
R_{YB}	93, 124, 140
Decimal	6130806
CIE _{Lab}	54.44, -21.01, 6.71
CIE _{LCh}	54, 22.059, 162.283
Yxy	22.3913, 0.2855, 0.3725
Android (android.graphics.Color)	4284320886 (0xFF5D8C76)
YUV	123.4390, -2.6814, -26.6950
Hunter-Lab	47.3195, -18.0689, 7.3663

Details

The Hex color **5D8C76** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8C5D73**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **91C2AA**, and **2C5A46** is the 20% darker color. If you saturate the color by 10%, you get **4F8C6F**, and if you desaturate by 10%, it is **6B8C7D**.

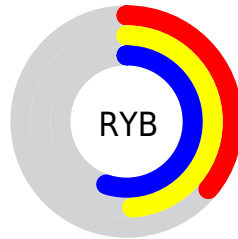
Distribution



Red (36%)

Green (55%)

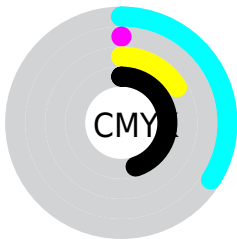
Blue (46%)



Red (36%)

Yellow (49%)

Blue (55%)

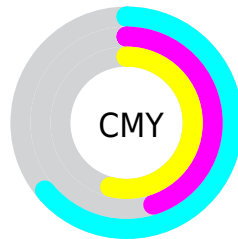


Cyan (34%)

Magenta (0%)

Yellow (16%)

Black (45%)



Cyan (64%)

Magenta (45%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D8C76 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 5D8C76 by changing the saturation by 10% instead.



5D8C76



5D8C76

FFFFFF



44725D



91C2AA



2C5A46



ACDEC5



13422F



C7FAE1



002B1B



E4FFFE



001800



000000



5D8C76



5D8C76



4F8C6F



6B8C7D



418C69



798C83

338C62

878C8A

258C5C

958C90

178C55

A38C97

098C4F

B18C9D

008C4A

BF8CA4

CD8CAA

DB8CB1

Harmonies

Analogous

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



738966



5D8C76



4C8D8A

Triad

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



5D8C76



7581A7



A67769

Complementary

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



5D8C76



8C5D73

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.



A9747B



5D8C76



8F7B9E

Square

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



5D8C76



5B87A6



A1768E



9A7D5E

Rectangle

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



5D8C76



488C96



A1768E



A8766F

Sweetspot

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



5D8C76



A3B5AD



748C5D



515C57



DBDBDB



5C5C5C

Same Dimension

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



5D8C76



6DB593



5D8B8C



3E4542



008547



000503

Inverse Universe

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



8C5D73



B56D8F



8C5E5D



453E41



85003E



050002

Previews

White Background



This preview shows how the Hex color 5D8C76 looks on a white background.

Color Contrast Check

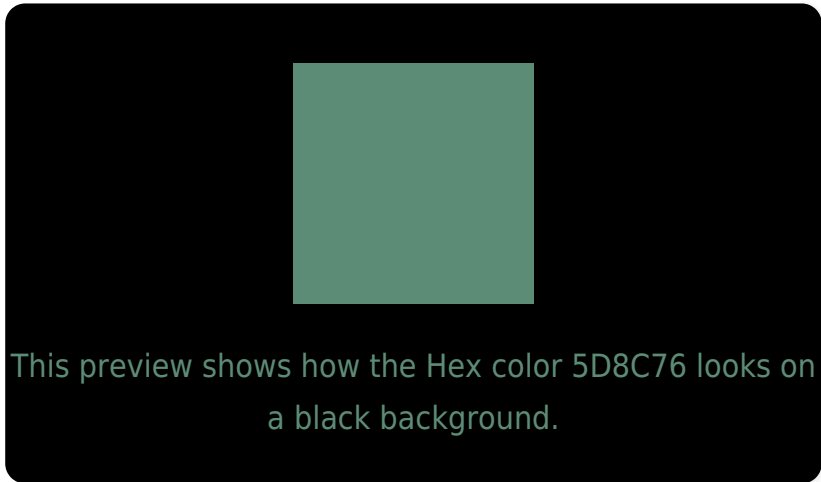
Large Text (above 18pt) WCAG AA ✓ Pass

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

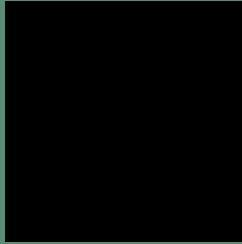
Any Text WCAG AA ✓ Pass

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 5D8C76 Background



This preview shows how black text looks on a background with the Hex color 5D8C76.

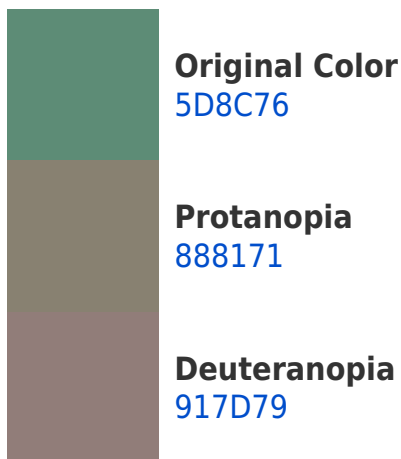


This preview shows how white text looks on a background with the Hex color 5D8C76.

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
638893

Trichromacy



Original Color
5D8C76

Protanomaly
788573

Deuteranomaly
7E8278

Tritanomaly
618988

Monochromacy



Original Color
5D8C76

Achromatopsia
7B7B7B

Achromatomaly
708179

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D8C76 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 #5D8C76 looks like.

```
.text, #text, p{  
    color:#5D8C76  
}
```

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 #5D8C76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D8C76
}
```

Border

The CSS property to change the border of an element to Hex 5D8C76 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
#5D8C76 }
```

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

```
.border{ border-color:#5D8C76 }
```

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

Here you see how a box with a 4 pixel #5D8C76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D8C76; -webkit-box-shadow:4px 4px  
4px 4px #5D8C76; box-shadow:4px 4px 4px  
4px #5D8C76 }
```

Background

The CSS property to change the background color of an element to Hex 5D8C76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D8C76 }
```

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

```
.background{ background-color:#5D8C76 }
```

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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