

Converting Colors

Hex(5A8766)

Have a look what the booklet for
Hex(5A8766) contains.

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Color

Hex(5A8766)

Conversions

Conversions Part 1

Format	Color
Hex	5A8766
RGB	90, 135, 102
RGB Percent	35%, 53%, 40%
CMY	0.6471, 0.4706, 0.6000
CMYK	0.33, 0.00, 0.24, 0.47
HSL	136°, 20%, 44%
HSV	136°, 33%, 53%
XYZ	15.2787, 20.4609, 15.7145
YIQ	117.7830, -16.2270, -19.8030

Conversions

Conversions Part 2

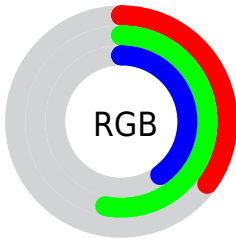
Format	Color
R_{YB}	90, 126, 135
Decimal	5932902
CIE _{Lab}	52.35, -22.77, 12.94
CIE _{LCh}	52, 26.189, 150.379
Yxy	20.4609, 0.2969, 0.3977
Android (android.graphics.Color)	4284122982 (0xFF5A8766)
YUV	117.7830, -7.7810, -24.3657
Hunter-Lab	45.2337, -18.8667, 11.0659

Details

The Hex color **5A8766** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **875A7B**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **8DBD99**, and **295537** is the 20% darker color. If you saturate the color by 10%, you get **4D875C**, and if you desaturate by 10%, it is **688770**.

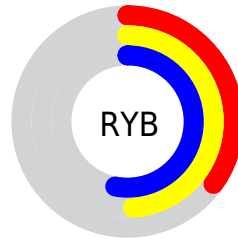
Distribution



Red (35%)

Green (53%)

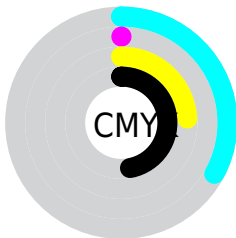
Blue (40%)



Red (35%)

Yellow (49%)

Blue (53%)

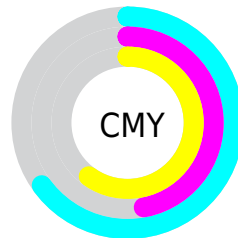


Cyan (33%)

Magenta (0%)

Yellow (24%)

Black (47%)



Cyan (65%)

Magenta (47%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A8766 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 5A8766 by changing the saturation by 10% instead.

■ 5A8766

■ 5A8766

FFFFFF

■ 416D4E

■ 8DBD99

■ 295537

■ A8D8B4

■ 113D21

■ C4F5CF

■ 00270C

■ E0FFEC

■ 000F00

■ F0FFFF

■ 000000

■ 5A8766

■ 5A8766

■ 4D875C

■ 688770

■ 3F8752

■ 75877A

 328748

 838784

 24873E

 90878E

 178735

 9E8798

 09872B

 AB87A1

 008724

 B987AB

 C687B5

 D487BF

Harmonies

Analogous

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



748256



5A8766



40897C

Triad

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



5A8766



5F7FA9



A96E67

Complementary

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



5A8766



875A7B

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.



A76C7D



5A8766



8077A4

Square

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



5A8766



3E85A3



9A7093



9E7457

Rectangle

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



5A8766



32898C



9A7093



AA6D6E

Sweetspot

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



5A8766



9EB0A3



7B875A



4F5951



D9D9D9



595959

Same Dimension

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



5A8766



6AB07C



5A877D



3C423D



008223



000301

Inverse Universe

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



875A7B



B06A9D



875A65



423C41



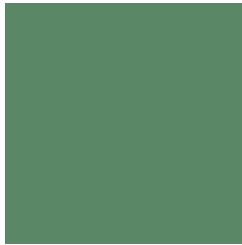
82005F



030002

Previews

White Background



This preview shows how the Hex color 5A8766 looks on a white background.

Color Contrast Check

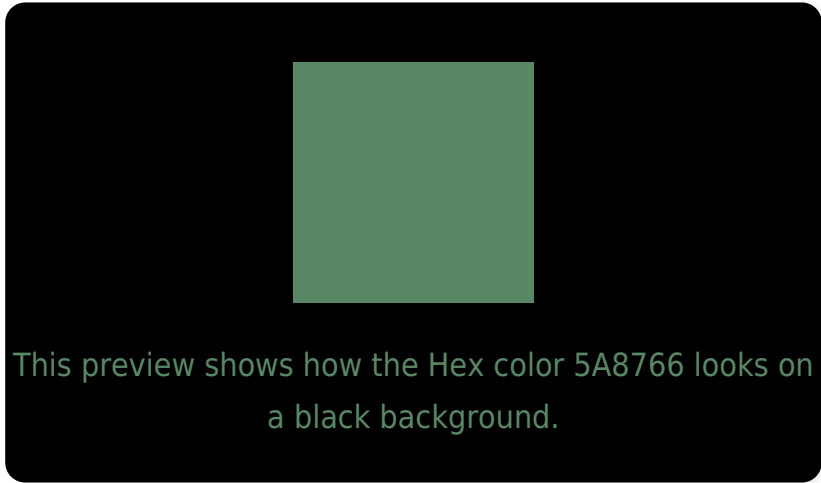
Large Text (above 18pt) WCAG AA ✓ Pass

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

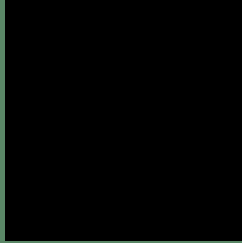
Any Text WCAG AA ✓ Pass

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 5A8766 Background



This preview shows how black text looks on a background with the Hex color 5A8766.




This preview shows how white text looks on a background with the Hex color 5A8766.

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
62828C

Trichromacy



Original Color
5A8766

Protanomaly
758063

Deuteranomaly
7C7D68

Tritanomaly
5F847E

Monochromacy



Original Color
5A8766

Achromatopsia
767676

Achromatomaly
6C7C70

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A8766 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 #5A8766 looks like.

```
.text, #text, p{  
    color:#5A8766  
}
```

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 #5A8766 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A8766
}
```

Border

The CSS property to change the border of an element to Hex 5A8766 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".

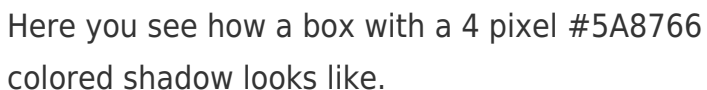
```
.border, #border, table{ border:4px solid
#5A8766 }
```

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

```
.border{ border-color:#5A8766 }
```

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

Here you see how a box with a 4 pixel #5A8766 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A8766; -webkit-box-shadow:4px 4px  
4px 4px #5A8766; box-shadow:4px 4px 4px  
4px #5A8766 }
```

Background

The CSS property to change the background color of an element to Hex 5A8766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A8766 }
```

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

```
.background{ background-color:#5A8766 }
```

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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