

Converting Colors

Hex(5A9D6B)

Have a look what the booklet for
Hex(5A9D6B) contains.

Hex(5A9D6B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5A9D6B)

Conversions

Conversions Part 1

Format	Color
Hex	5A9D6B
RGB	90, 157, 107
RGB Percent	35%, 62%, 42%
CMY	0.6471, 0.3843, 0.5804
CMYK	0.43, 0.00, 0.32, 0.38
HSL	135°, 27%, 48%
HSV	135°, 43%, 62%
XYZ	18.9273, 27.3491, 18.1913
YIQ	131.2670, -23.8820, -29.7540

Conversions

Conversions Part 2

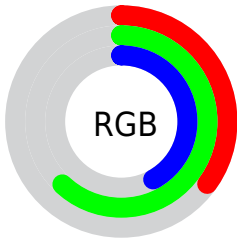
Format	Color
RYB	90, 143, 157
Decimal	5938539
CIELab	59.30, -32.57, 19.67
CIELCh	59, 38.049, 148.876
Yxy	27.3491, 0.2936, 0.4242
Android (android.graphics.Color)	4284128619 (0xFF5A9D6B)
YUV	131.2670, -11.9636, -36.1912
Hunter-Lab	52.2964, -26.9155, 15.9835

Details

The Hex color **5A9D6B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9D5A8C**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **8FD49F**, and **25693B** is the 20% darker color. If you saturate the color by 10%, you get **4A9D5F**, and if you desaturate by 10%, it is **6A9D77**.

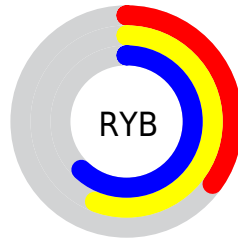
Distribution



Red (35%)

Green (62%)

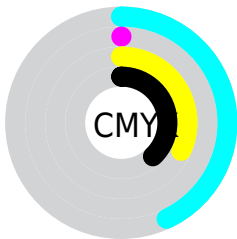
Blue (42%)



Red (35%)

Yellow (56%)

Blue (62%)

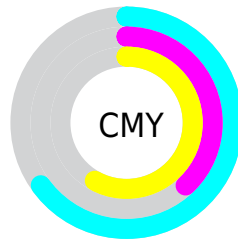


Cyan (43%)

Magenta (0%)

Yellow (32%)

Black (38%)



Cyan (65%)

Magenta (38%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A9D6B 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 5A9D6B by changing the saturation by 10% instead.

■ 5A9D6B

■ 5A9D6B

FFFFFF

■ 408353

■ 8FD49F

■ 25693B

■ ABF1BA

■ 035025

■ C7FFD5

■ 003910

■ E3FFF2

■ 002400

■ 000000

■ 5A9D6B

■ 5A9D6B

■ 4A9D5F

■ 6A9D77

■ 3B9D54


■ 799D82

 2B9D48

 899D8E

 1B9D3C

 999D9A

 0B9D30

 A99DA6

 009D28

 B89DB1

 C89DBD

 D89DC9

 E79DD4

Harmonies

Analogous

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



839653



5A9D6B



1EA08C

Triad

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



5A9D6B



5793D1



CE7770

Complementary

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



5A9D6B



9D5A8C

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.



CC7491



5A9D6B



9087C9

Square

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



5A9D6B



009BC7



B77AB2



BF8156

Rectangle

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



5A9D6B



00A0A3



B77AB2



CF757B

Sweetspot

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



5A9D6B



B1CCB8



8C9D5A



56665A



E6E6E6



666666

Same Dimension

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



5A9D6B



64CC7E



5A9D8C



474F49



008F24



000F04

Inverse Universe

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



9D5A8C



CC64B2



9D5A6B



4F474D



8F006B



0F000B

Previews

White Background



This preview shows how the Hex color 5A9D6B looks on a white background.

Color Contrast Check

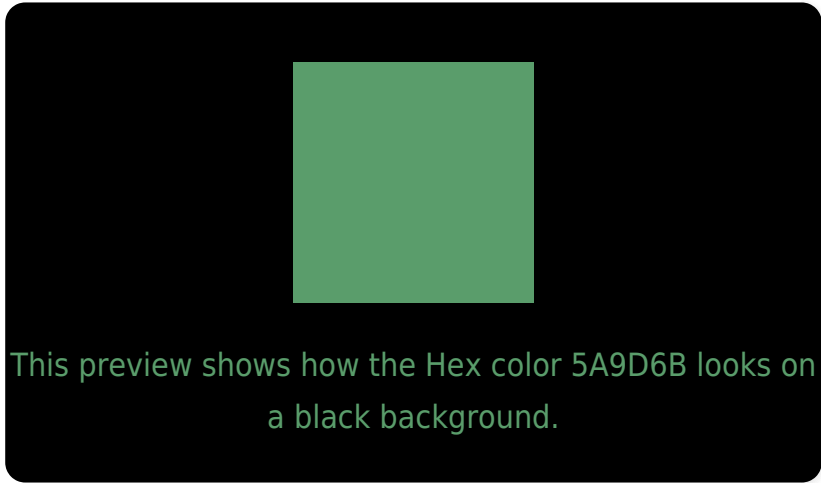
Large Text (above 18pt) WCAG AA ✓ Pass

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 5A9D6B Background



This preview shows how black text looks on a background with the Hex color 5A9D6B.




This preview shows how white text looks on a background with the Hex color 5A9D6B.

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
6696A2

Trichromacy



Original Color
5A9D6B

Protanomaly
829367

Deuteranomaly
8A906E

Tritanomaly
62998E

Monochromacy



Original Color
5A9D6B

Achromatopsia
838383

Achromatomaly
748C7A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A9D6B 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 #5A9D6B looks like.

```
.text, #text, p{  
    color:#5A9D6B  
}
```

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 #5A9D6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A9D6B
}
```

Border

The CSS property to change the border of an element to Hex 5A9D6B 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
#5A9D6B }
```

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

```
.border{ border-color:#5A9D6B }
```

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

Here you see how a box with a 4 pixel #5A9D6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A9D6B; -webkit-box-shadow:4px 4px  
4px 4px #5A9D6B; box-shadow:4px 4px 4px  
4px #5A9D6B }
```

Background

The CSS property to change the background color of an element to Hex 5A9D6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A9D6B }
```

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

```
.background{ background-color:#5A9D6B }
```

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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