

Converting Colors

Hex(5A9682)

Have a look what the booklet for
Hex(5A9682) contains.

Hex(5A9682)	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(5A9682)

Conversions

Conversions Part 1

Format	Color
Hex	5A9682
RGB	90, 150, 130
RGB Percent	35%, 59%, 51%
CMY	0.6471, 0.4118, 0.4902
CMYK	0.40, 0.00, 0.13, 0.41
HSL	160°, 25%, 47%
HSV	160°, 40%, 59%
XYZ	19.1521, 25.5981, 25.0506
YIQ	129.7800, -29.3400, -18.9400

Conversions

Conversions Part 2

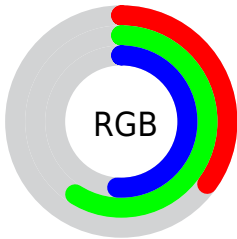
Format	Color
R_{YB}	90, 126, 150
Decimal	5936770
CIE _{Lab}	57.65, -24.34, 4.44
CIE _{LCh}	58, 24.742, 169.667
Yxy	25.5981, 0.2744, 0.3667
Android (android.graphics.Color)	4284126850 (0xFF5A9682)
YUV	129.7800, 0.1085, -34.8871
Hunter-Lab	50.5945, -20.9710, 6.0602

Details

The Hex color **5A9682** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **965A6E**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **8FCCB7**, and **276351** is the 20% darker color. If you saturate the color by 10%, you get **4B967D**, and if you desaturate by 10%, it is **699687**.

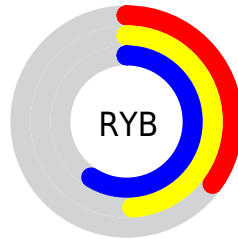
Distribution



Red (35%)

Green (59%)

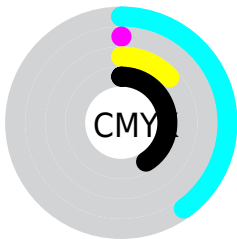
Blue (51%)



Red (35%)

Yellow (49%)

Blue (59%)

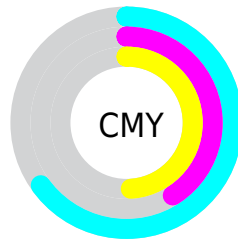


Cyan (40%)

Magenta (0%)

Yellow (13%)

Black (41%)



Cyan (65%)

Magenta (41%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A9682 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 5A9682 by changing the saturation by 10% instead.



5A9682



5A9682

FFFFFF



407C69



8FCCB7



276351



AAE9D2



084B3A



C6FFE8



003324



E2FFFF



00200F



000000



5A9682



5A9682



4B967D



699687



3C9678



78968C

 2D9673

 879691

 1E966E

 969696

 0F9669

 A5969B

 009664

 B496A0

 C396A5

 D296AA

 E196AF

Harmonies

Analogous

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



73936E



5A9682



489698

Triad

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



5A9682



8388B3



B0806A

Complementary

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



5A9682



965A6E

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.



B67B7D



5A9682



9F80A7

Square

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



5A9682



648FB5



B07B93



A18760

Rectangle

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



5A9682



4795A5



B07B93



B37E70

Sweetspot

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



5A9682



ABC2BA



6E965A



53615C



E0E0E0



616161

Same Dimension

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



5A9682



65C2A3



5A8C96



434A47



008A5C



000A07

Inverse Universe

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



965A6E



C26584



96645A



4A4345



8A002E



0A0003

Previews

White Background



This preview shows how the Hex color 5A9682 looks on a white background.

Color Contrast Check

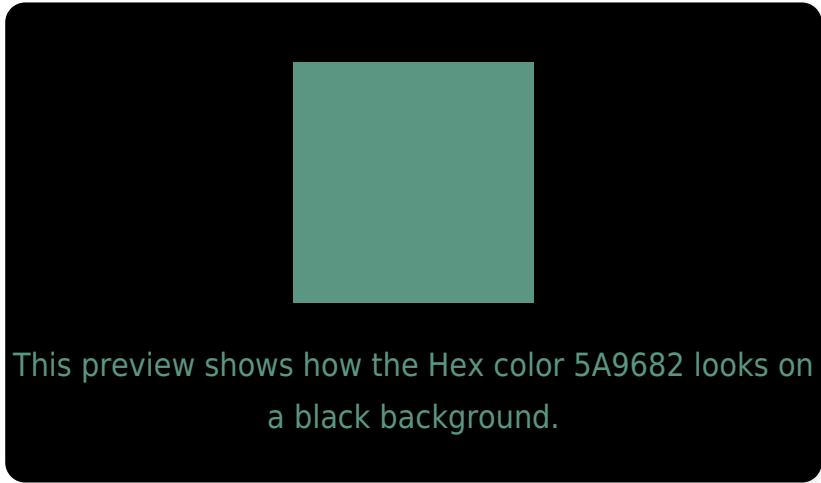
Large Text (above 18pt) WCAG AA ✓ Pass

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

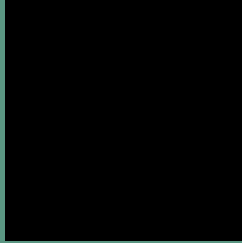
Any Text WCAG AA ✓ Pass

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 5A9682 Background



This preview shows how black text looks on a background with the Hex color 5A9682.

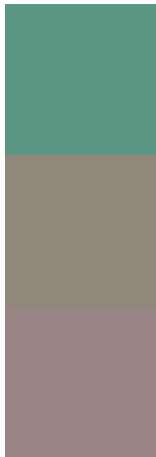


This preview shows how white text looks on a background with the Hex color 5A9682.

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
5A9682

Protanopia
90897B

Deuteranopia
998586



Tritanopia
61929E

Trichromacy



Original Color
5A9682

Protanomaly
7C8E7E

Deuteranomaly
828B85

Tritanomaly
5E9394

Monochromacy



Original Color
5A9682

Achromatopsia
828282

Achromatomaly
738982

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A9682 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 #5A9682 looks like.

```
.text, #text, p{  
    color:#5A9682  
}
```

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 #5A9682 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A9682
}
```

Border

The CSS property to change the border of an element to Hex 5A9682 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
#5A9682 }
```

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

```
.border{ border-color:#5A9682 }
```

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

Here you see how a box with a 4 pixel #5A9682 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A9682; -webkit-box-shadow:4px 4px  
4px 4px #5A9682; box-shadow:4px 4px 4px  
4px #5A9682 }
```

Background

The CSS property to change the background color of an element to Hex 5A9682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A9682 }
```

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

```
.background{ background-color:#5A9682 }
```

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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