

Converting Colors

Hex(5C947A)

Have a look what the booklet for
Hex(5C947A) contains.

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Color

Hex(5C947A)

Conversions

Conversions Part 1

Format	Color
Hex	5C947A
RGB	92, 148, 122
RGB Percent	36%, 58%, 48%
CMY	0.6392, 0.4196, 0.5216
CMYK	0.38, 0.00, 0.18, 0.42
HSL	152°, 23%, 47%
HSV	152°, 38%, 58%
XYZ	18.5164, 24.8603, 22.2349
YIQ	128.2920, -25.0300, -19.9580

Conversions

Conversions Part 2

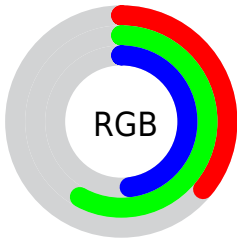
Format	Color
R_{YB}	92, 128, 148
Decimal	6067322
CIE _{Lab}	56.94, -24.54, 7.98
CIE _{LCh}	57, 25.806, 161.984
Yxy	24.8603, 0.2822, 0.3789
Android (android.graphics.Color)	4284257402 (0xFF5C947A)
YUV	128.2920, -3.1020, -31.8281
Hunter-Lab	49.8601, -20.9661, 8.4618

Details

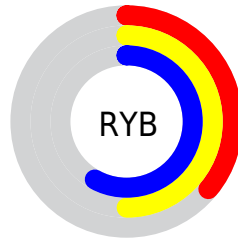
The Hex color **5C947A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **945C76**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **90CAAE**, and **2A6149** is the 20% darker color. If you saturate the color by 10%, you get **4D9473**, and if you desaturate by 10%, it is **6B9481**.

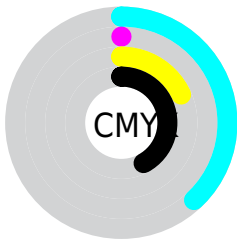
Distribution



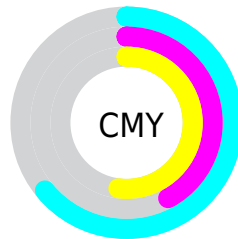
- Red (36%)
- Green (58%)
- Blue (48%)



- Red (36%)
- Yellow (50%)
- Blue (58%)



- Cyan (38%)
- Magenta (0%)
- Yellow (18%)
- Black (42%)



- Cyan (64%)
- Magenta (42%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C947A 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 5C947A by changing the saturation by 10% instead.



5C947A



5C947A

FFFFFF



437A61



90CAAE



2A6149



ACE7CA



0E4933



C7FFE6



00321E



E4FFFF



001E05



000000



5C947A



5C947A



4D9473



6B9481



3E946C



7A9488

■ 309465

■ 88948F

■ 21945F

■ 979495

■ 129458

■ A6949C

■ 039451

■ B594A3

■ 00944F

■ C494AA

■ D294B1

■ E194B8

Harmonies

Analogous

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



769067



5C947A



469591

Triad

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



5C947A



7988B4



B27C6C

Complementary

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



5C947A



945C76

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.



B57880



5C947A



9780AA

Square

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



5C947A



578FB3



AC7A97



A4835E

Rectangle

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



5C947A



4094A0



AC7A97



B57A72

Sweetspot

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



5C947A



AABFB5



76945C



54615B



E0E0E0



616161

Same Dimension

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



5C947A



69BF97



5C9294



434A47



008A4A



000A05

Inverse Universe

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



945C76



BF6991



945E5C



4A4346



8A0040



0A0005

Previews

White Background



This preview shows how the Hex color 5C947A looks on a white background.

Color Contrast Check

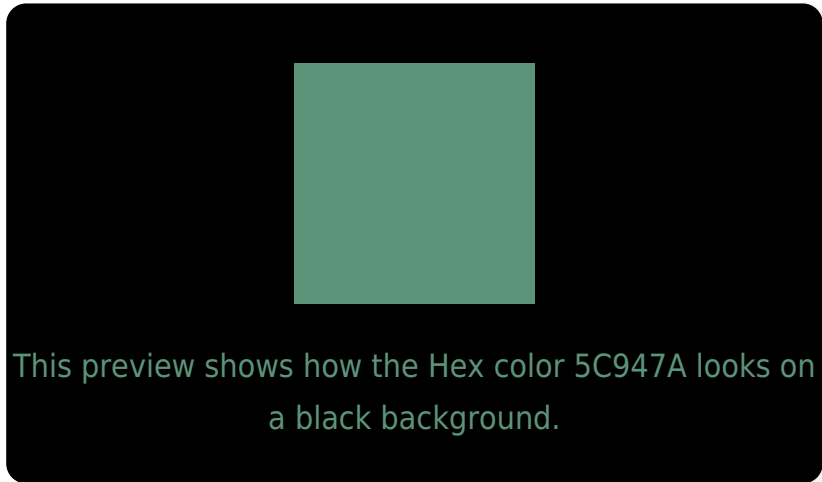
Large Text (above 18pt) WCAG AA ✓ Pass

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

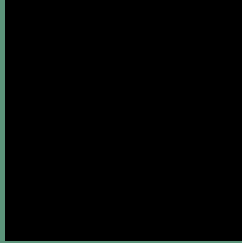
Any Text WCAG AA ✓ Pass

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 5C947A Background



This preview shows how black text looks on a background with the Hex color 5C947A.



This preview shows how white text looks on a background with the Hex color 5C947A.

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
648F9B

Trichromacy



Original Color
5C947A

Protanomaly
7C8C76

Deuteranomaly
83897D

Tritanomaly
61918F

Monochromacy



Original Color
5C947A

Achromatopsia
808080

Achromatomaly
73877E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C947A 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 #5C947A looks like.

```
.text, #text, p{  
    color:#5C947A  
}
```

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 #5C947A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C947A
}
```

Border

The CSS property to change the border of an element to Hex 5C947A 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
#5C947A }
```

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

```
.border{ border-color:#5C947A }
```

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

Here you see how a box with a 4 pixel #5C947A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C947A; -webkit-box-shadow:4px 4px  
4px 4px #5C947A; box-shadow:4px 4px 4px  
4px #5C947A }
```

Background

The CSS property to change the background color of an element to Hex 5C947A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C947A }
```

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

```
.background{ background-color:#5C947A }
```

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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