

Converting Colors

Hex(5C937D)

Have a look what the booklet for
Hex(5C937D) contains.

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Color

Hex(5C937D)

Conversions

Conversions Part 1

Format	Color
Hex	5C937D
RGB	92, 147, 125
RGB Percent	36%, 58%, 49%
CMY	0.6392, 0.4235, 0.5098
CMYK	0.37, 0.00, 0.15, 0.42
HSL	156°, 23%, 47%
HSV	156°, 37%, 58%
XYZ	18.5490, 24.6234, 23.1772
YIQ	128.0470, -25.7180, -18.5020

Conversions

Conversions Part 2

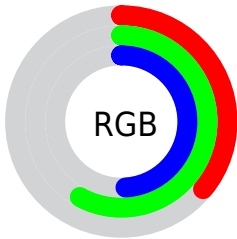
Format	Color
R_{YB}	92, 126, 147
Decimal	6067069
CIE _{Lab}	56.71, -23.37, 5.94
CIE _{LCh}	57, 24.112, 165.738
Yxy	24.6234, 0.2796, 0.3711
Android (android.graphics.Color)	4284257149 (0xFF5C937D)
YUV	128.0470, -1.5022, -31.6132
Hunter-Lab	49.6220, -20.1140, 7.0425

Details

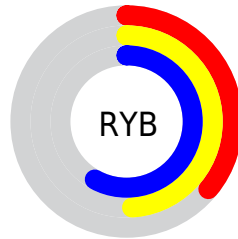
The Hex color **5C937D** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **935C72**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **90C9B2**, and **2A604C** is the 20% darker color. If you saturate the color by 10%, you get **4D9377**, and if you desaturate by 10%, it is **6B9383**.

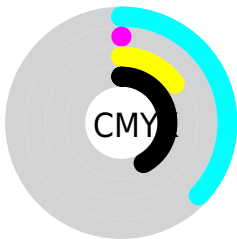
Distribution



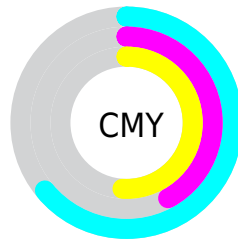
- Red (36%)
- Green (58%)
- Blue (49%)



- Red (36%)
- Yellow (49%)
- Blue (58%)



- Cyan (37%)
- Magenta (0%)
- Yellow (15%)
- Black (42%)



- Cyan (64%)
- Magenta (42%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C937D 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 5C937D by changing the saturation by 10% instead.

■ 5C937D

■ 5C937D

FFFFFF

■ 437964

■ 90C9B2

■ 2A604C

■ ABE5CD

■ 0E4835

■ C7FFE9

■ 003120

■ E4FFFF

■ 001E09

■ 000000

■ 5C937D

■ 5C937D

■ 4D9377

■ 6B9383

■ 3F9371

■ 799389

■ 30936B

■ 88938F

■ 219365

■ 979395

■ 139360

■ A5939A

■ 04935A

■ B493A0

■ 009358

■ C393A6

■ D293AC

■ E093B2

Harmonies

Analogous

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



74906A



5C937D



4A9493

Triad

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



5C937D



7D86B0



AE7D6B

Complementary

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



5C937D



935C72

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.



B2797E



5C937D



997FA5

Square

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



5C937D



5F8DB0



AB7A93



A08360

Rectangle

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



5C937D



4793A0



AB7A93



B17B71

Sweetspot

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



5C937D



AABFB7



72935C



54615C



E0E0E0



616161

Same Dimension

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



5C937D



69BF9D



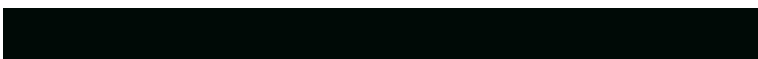
5C8D93



434A47



008A53



000A06

Inverse Universe

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



935C72



BF698C



93615C



4A4346



8A0037



0A0004

Previews

White Background



This preview shows how the Hex color 5C937D looks on a white background.

Color Contrast Check

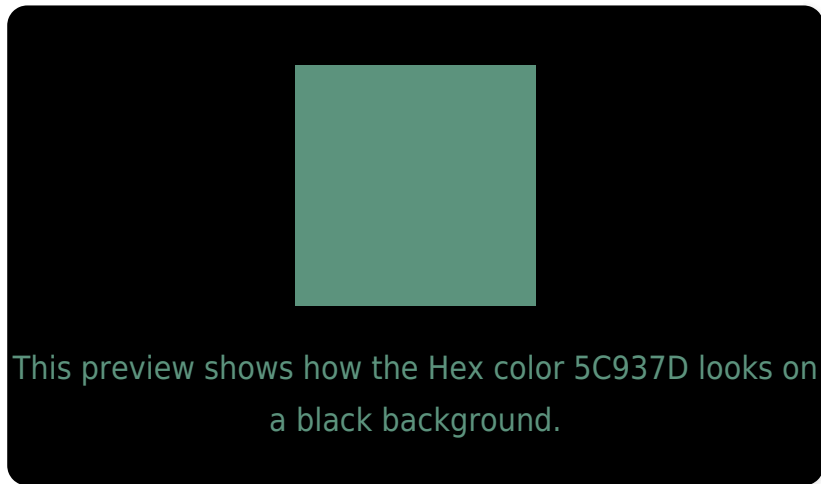
Large Text (above 18pt) WCAG AA ✓ Pass

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

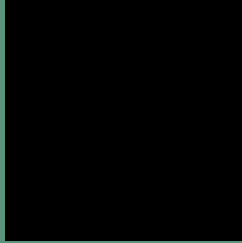
Any Text WCAG AA ✓ Pass

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 5C937D Background



This preview shows how black text looks on a background with the Hex color 5C937D.



This preview shows how white text looks on a background with the Hex color 5C937D.

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
5C937D

Protanopia
8E8777

Deuteranopia
978380



Tritanopia
638F9A

Trichromacy



Original Color
5C937D

Protanomaly
7C8B79

Deuteranomaly
82897F

Tritanomaly
60908F

Monochromacy



Original Color
5C937D

Achromatopsia
808080

Achromatomaly
73877F

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C937D 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 #5C937D looks like.

```
.text, #text, p{  
    color:#5C937D  
}
```

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 #5C937D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C937D
}
```

Border

The CSS property to change the border of an element to Hex 5C937D 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
#5C937D }
```

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

```
.border{ border-color:#5C937D }
```

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

Here you see how a box with a 4 pixel #5C937D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C937D; -webkit-box-shadow:4px 4px  
4px 4px #5C937D; box-shadow:4px 4px 4px  
4px #5C937D }
```

Background

The CSS property to change the background color of an element to Hex 5C937D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C937D }
```

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

```
.background{ background-color:#5C937D }
```

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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