

Converting Colors

Hex(5A9378)

Have a look what the booklet for
Hex(5A9378) contains.

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Color

Hex(5A9378)

Conversions

Conversions Part 1

Format	Color
Hex	5A9378
RGB	90, 147, 120
RGB Percent	35%, 58%, 47%
CMY	0.6471, 0.4235, 0.5294
CMYK	0.39, 0.00, 0.18, 0.42
HSL	152°, 24%, 46%
HSV	152°, 39%, 58%
XYZ	18.0403, 24.3972, 21.5276
YIQ	126.8790, -25.3050, -20.4810

Conversions

Conversions Part 2

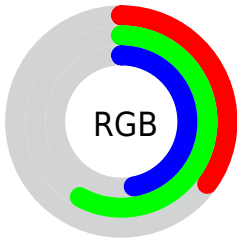
Format	Color
R _{YB}	90, 127, 147
Decimal	5935992
CIE _{Lab}	56.48, -25.08, 8.46
CIE _{LCh}	56, 26.469, 161.365
Y _{xy}	24.3972, 0.2820, 0.3814
Android (android.graphics.Color)	4284126072 (0xFF5A9378)
YUV	126.8790, -3.3913, -32.3429
Hunter-Lab	49.3935, -21.2438, 8.7346

Details

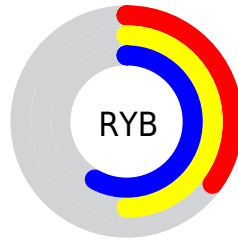
The Hex color **5A9378** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **935A75**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **8EC9AC**, and **276048** is the 20% darker color. If you saturate the color by 10%, you get **4B9371**, and if you desaturate by 10%, it is **69937F**.

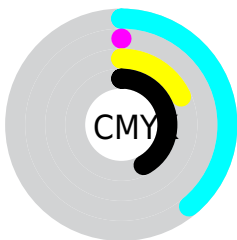
Distribution



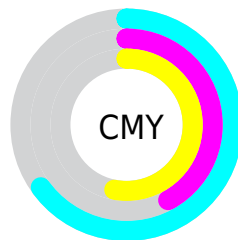
- Red (35%)
- Green (58%)
- Blue (47%)



- Red (35%)
- Yellow (50%)
- Blue (58%)



- Cyan (39%)
- Magenta (0%)
- Yellow (18%)
- Black (42%)



- Cyan (65%)
- Magenta (42%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A9378 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 5A9378 by changing the saturation by 10% instead.



5A9378



5A9378

FFFFFF



41795F



8EC9AC



276048



A9E6C8



0B4831



C5FFE4



00311C



E2FFFF



001E02



000000



5A9378



5A9378



4B9371



69937F



3D936A




779386

 2E9363

 86938D

 1F935C

 959394


 119355

 A3939B

 02934E

 B293A2

 00934D

 C193A9

 D093B0

 DE93B7

Harmonies

Analogous

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



758F64



5A9378



429490

Triad

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



5A9378



7687B4



B27A6A

Complementary

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



5A9378



935A75

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.



B5767F



5A9378



967EAA

Square

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



5A9378



548EB3



AC7897



A4815C

Rectangle

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



5A9378



3B939F



AC7897



B47871

Sweetspot

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



5A9378



A8BFB4



76935A



53615A



E0E0E0



616161

Same Dimension

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



5A9378



65BF95



5A9293



434A46



008A48



000A05

Inverse Universe

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



935A75



BF6590



935B5A



4A4346



8A0041



0A0005

Previews

White Background



This preview shows how the Hex color 5A9378 looks on a white background.

Color Contrast Check

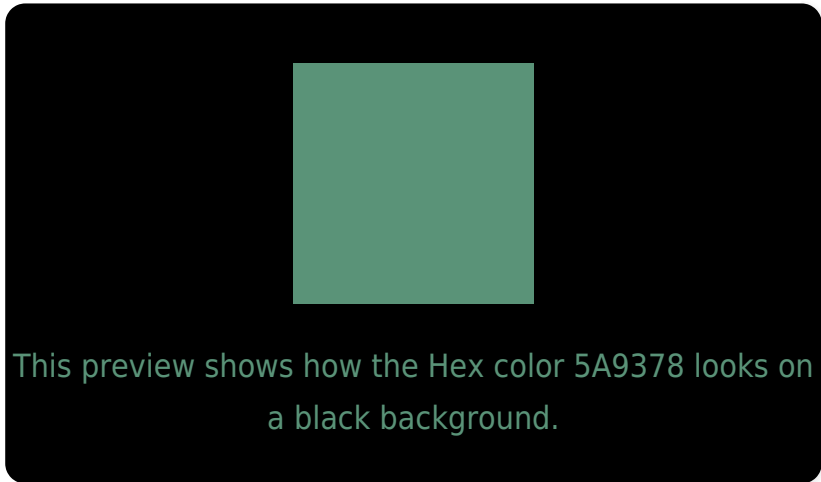
Large Text (above 18pt) WCAG AA ✓ Pass

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

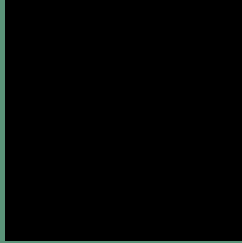
Any Text WCAG AA ✓ Pass

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 5A9378 Background



This preview shows how black text looks on a background with the Hex color 5A9378.

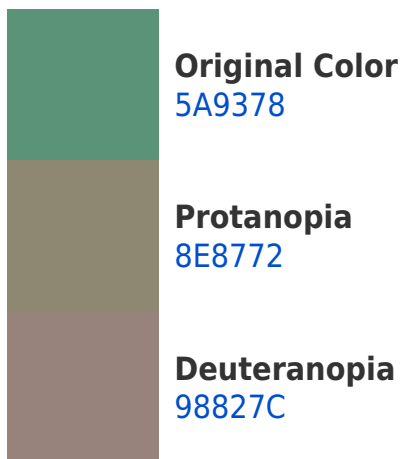


This preview shows how white text looks on a background with the Hex color 5A9378.

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
628E9A

Trichromacy



Original Color
5A9378

Protanomaly
7B8B74

Deuteranomaly
81887B

Tritanomaly
5F908E

Monochromacy



Original Color
5A9378

Achromatopsia
7F7F7F

Achromatomaly
72867C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A9378 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 #5A9378 looks like.

```
.text, #text, p{  
    color:#5A9378  
}
```

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 #5A9378 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A9378  
}
```

Border

The CSS property to change the border of an element to Hex 5A9378 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  
#5A9378 }
```

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

```
.border{ border-color:#5A9378 }
```

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

Here you see how a box with a 4 pixel #5A9378 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A9378; -webkit-box-shadow:4px 4px  
4px 4px #5A9378; box-shadow:4px 4px 4px  
4px #5A9378 }
```

Background

The CSS property to change the background color of an element to Hex 5A9378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A9378 }
```

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

```
.background{ background-color:#5A9378 }
```

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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