

Converting Colors

Hex(5A7678)

Have a look what the booklet for
Hex(5A7678) contains.

Hex(5A7678)	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(5A7678)

Conversions

Conversions Part 1

Format	Color
Hex	5A7678
RGB	90, 118, 120
RGB Percent	35%, 46%, 47%
CMY	0.6471, 0.5373, 0.5294
CMYK	0.25, 0.02, 0.00, 0.53
HSL	184°, 14%, 41%
HSV	184°, 25%, 47%
XYZ	14.0850, 16.4866, 20.2092
YIQ	109.8560, -17.3300, -5.3140

Conversions

Conversions Part 2

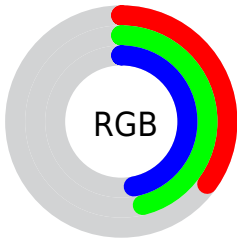
Format	Color
R _Y B	90, 104, 120
Decimal	5928568
CIE Lab	47.61, -9.57, -4.42
CIE LCh	48, 10.544, 204.771
Yxy	16.4866, 0.2774, 0.3247
Android (android.graphics.Color)	4284118648 (0xFF5A7678)
YUV	109.8560, 5.0010, -17.4137
Hunter-Lab	40.6037, -9.1364, -1.0871

Details

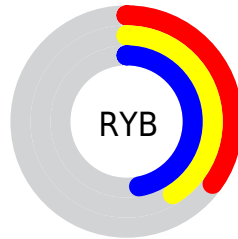
The Hex color **5A7678** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **785C5A**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **8DAAAC**, and **2B4648** is the 20% darker color. If you saturate the color by 10%, you get **4E7578**, and if you desaturate by 10%, it is **667778**.

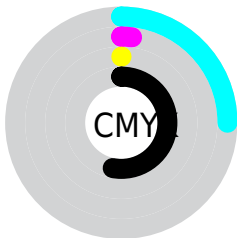
Distribution



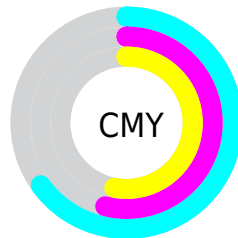
- Red (35%)
- Green (46%)
- Blue (47%)



- Red (35%)
- Yellow (41%)
- Blue (47%)



- Cyan (25%)
- Magenta (2%)
- Yellow (0%)
- Black (53%)



- Cyan (65%)
- Magenta (54%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A7678 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 5A7678 by changing the saturation by 10% instead.

■ 5A7678

■ 5A7678

FFFFFF

■ 425D5F

■ 8DAAAC

■ 2B4648

■ A7C5C8

■ 142F31

■ C3E1E4

■ 001B1C

■ DFFEFF

■ 000001

■ FCFFFF

■ 000000

■ 5A7678

■ 5A7678

■ 4E7578

■ 667778

■ 427478

■ 727878

■ 367478

■ 7E7878

■ 2A7378

■ 8A7978

■ 1E7278

■ 967A78

■ 127178

■ A27B78

■ 067078

■ AE7C78

■ 007078

■ BA7C78

■ C67D78

Harmonies

Analogous

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



5E766F



5A7678



5D757F

Triad

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



5A7678



7B6C7B



7A705F

Complementary

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



5A7678



785C5A

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.



816D63



5A7678



826B73

Square

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



5A7678



716F81



846B6A



707361

Rectangle

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



5A7678



627382



846B6A



7C6F60

Sweetspot

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



5A7678



8F9B9C



5A785C



474F4F



CFCFCF



4F4F4F

Same Dimension

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



5A7678



6D989C



5A6778



373D3D



00757D



00ECFC

Inverse Universe

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



785A76



9C6D98



786B5A



3D373D



7D0075



FC00EC

Previews

White Background



This preview shows how the Hex color 5A7678 looks on a white background.

Color Contrast Check

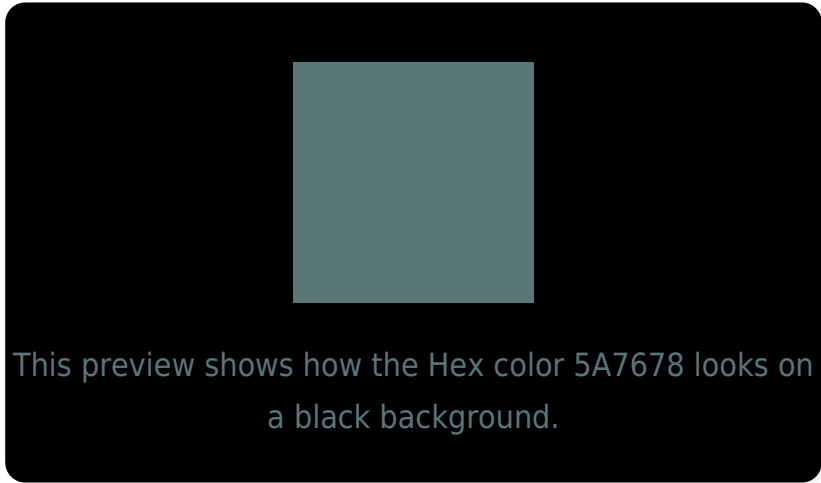
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

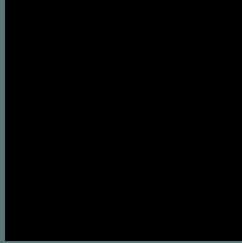
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

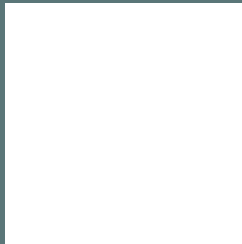
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5A7678 Background



This preview shows how black text looks on a background with the Hex color 5A7678.

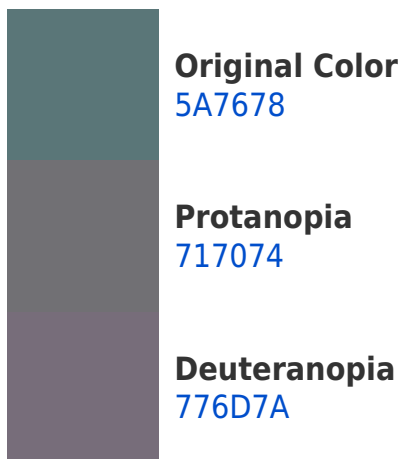


This preview shows how white text looks on a background with the Hex color 5A7678.

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
5B757E

Trichromacy



Original Color
5A7678

Protanomaly
697275

Deuteranomaly
6C7079

Tritanomaly
5B757C

Monochromacy



Original Color
5A7678

Achromatopsia
6E6E6E

Achromatomaly
677172

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A7678 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 #5A7678 looks like.

```
.text, #text, p{  
    color:#5A7678  
}
```

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 #5A7678 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A7678
}
```

Border

The CSS property to change the border of an element to Hex 5A7678 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
#5A7678 }
```

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

```
.border{ border-color:#5A7678 }
```

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

Here you see how a box with a 4 pixel #5A7678 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A7678; -webkit-box-shadow:4px 4px  
4px 4px #5A7678; box-shadow:4px 4px 4px  
4px #5A7678 }
```

Background

The CSS property to change the background color of an element to Hex 5A7678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A7678 }
```

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

```
.background{ background-color:#5A7678 }
```

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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