

Converting Colors

Hex(5A718B)

Have a look what the booklet for
Hex(5A718B) contains.

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Color

Hex(5A718B)

Conversions

Conversions Part 1

Format	Color
Hex	5A718B
RGB	90, 113, 139
RGB Percent	35%, 44%, 55%
CMY	0.6471, 0.5569, 0.4549
CMYK	0.35, 0.19, 0.00, 0.45
HSL	212°, 21%, 45%
HSV	212°, 35%, 55%
XYZ	14.7818, 15.8480, 26.7060
YIQ	109.0870, -22.0540, 3.2100

Conversions

Conversions Part 2

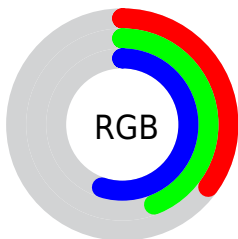
Format	Color
R _Y B	90, 106, 139
Decimal	5927307
CIE Lab	46.77, -1.69, -16.96
CIE LCh	47, 17.046, 264.294
Yxy	15.8480, 0.2578, 0.2764
Android (android.graphics.Color)	4284117387 (0xFF5A718B)
YUV	109.0870, 14.7471, -16.7393
Hunter-Lab	39.8095, -3.3874, -11.9077

Details

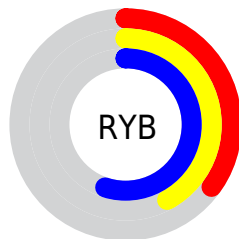
The Hex color **5A718B** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8B745A**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **8EA5C1**, and **294159** is the 20% darker color. If you saturate the color by 10%, you get **4C6A8B**, and if you desaturate by 10%, it is **68788B**.

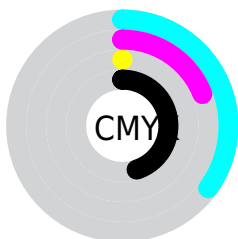
Distribution



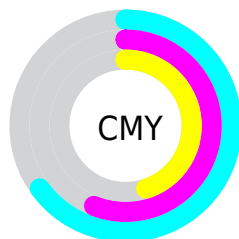
- Red (35%)
- Green (44%)
- Blue (55%)



- Red (35%)
- Yellow (42%)
- Blue (55%)



- Cyan (35%)
- Magenta (19%)
- Yellow (0%)
- Black (45%)



- Cyan (65%)
- Magenta (56%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A718B 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 5A718B by changing the saturation by 10% instead.



5A718B



5A718B

FFFFFF



415971



8EA5C1



294159



A8C0DC



112B41



C4DCF9



00172B



E0F8FF



000117



FDFFFF



000000



5A718B



5A718B



4C6A8B



68788B



3E628B



76808B

■ 305B8B

■ 84878B

■ 22538B

■ 928F8B

■ 144C8B

■ 9F968B

■ 07458B

■ AD9D8B

■ 00418B

■ BBA58B

■ C9AC8B

■ D7B38B

Harmonies

Analogous

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



4A7586



5A718B



6E6C89

Triad

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



5A718B



8C6564



5D755E

Complementary

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



5A718B



8B745A

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.



6D7255



5A718B



876858

Square

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



5A718B



896572



7C6D53



4E776C

Rectangle

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



5A718B



7A6983



7C6D53



62745A

Sweetspot

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



5A718B



A1AAB5



5A8B73



50555C



DBDBDB



5C5C5C

Same Dimension

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



5A718B



698DB5



5B5A8B



3E4145



003E85



000205

Inverse Universe

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



8B5A71



B5698D



8A8B5A



453E41



85003E



050002

Previews

White Background



This preview shows how the Hex color 5A718B looks on a white background.

Color Contrast Check

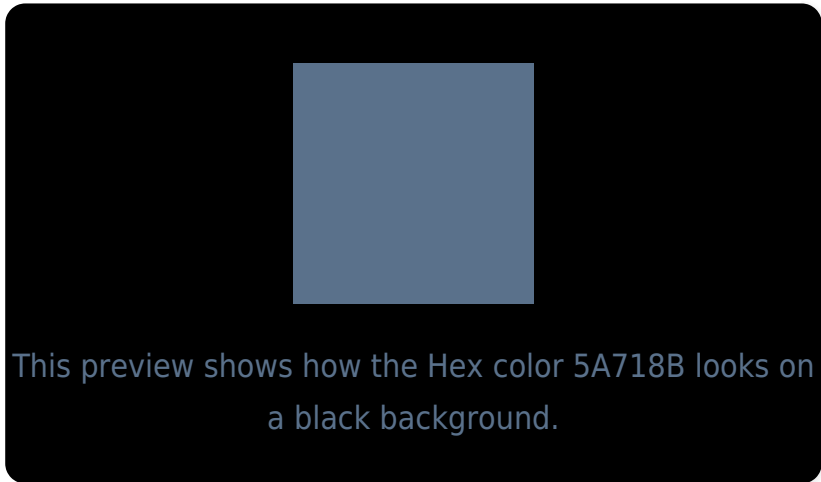
Large Text (above 18pt) WCAG AA ✓ Pass

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

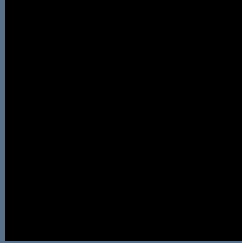
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

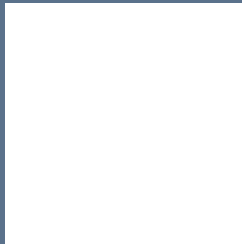
Any Text WCAG AAA × Fail

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

Hex 5A718B Background



This preview shows how black text looks on a background with the Hex color 5A718B.

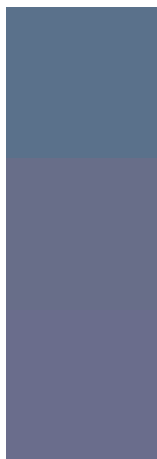


This preview shows how white text looks on a background with the Hex color 5A718B.

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
5A718B

Protanopia
686E89

Deuteranopia
6A6D8C

Trichromacy



Original Color
5A718B

Protanomaly
636F8A

Deuteranomaly
646E8C

Tritanomaly
587282

Monochromacy



Original Color
5A718B

Achromatopsia
6D6D6D

Achromatomaly
666E78

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A718B 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 #5A718B looks like.

```
.text, #text, p{  
    color:#5A718B  
}
```

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 #5A718B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A718B
}
```

Border

The CSS property to change the border of an element to Hex 5A718B is called "border". The border property can be set on classes, ids or directly on the HTML element.

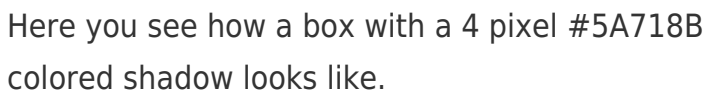
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A718B }
```

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

```
.border{ border-color:#5A718B }
```

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



Here you see how a box with a 4 pixel #5A718B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A718B; -webkit-box-shadow:4px 4px  
4px 4px #5A718B; box-shadow:4px 4px 4px  
4px #5A718B }
```

Background

The CSS property to change the background color of an element to Hex 5A718B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A718B }
```

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

```
.background{ background-color:#5A718B }
```

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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