

Converting Colors

Hex(5A7889)

Have a look what the booklet for
Hex(5A7889) contains.

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Color

Hex(5A7889)

Conversions

Conversions Part 1

Format	Color
Hex	5A7889
RGB	90, 120, 137
RGB Percent	35%, 47%, 54%
CMY	0.6471, 0.5294, 0.4627
CMYK	0.34, 0.12, 0.00, 0.46
HSL	202°, 21%, 45%
HSV	202°, 34%, 54%
XYZ	15.4483, 17.4127, 26.2137
YIQ	112.9680, -23.3370, -1.0730

Conversions

Conversions Part 2

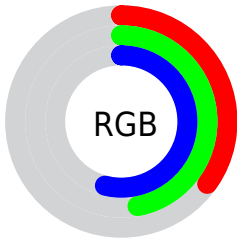
Format	Color
R_{YB}	90, 108, 137
Decimal	5929097
CIE _{Lab}	48.78, -6.34, -12.74
CIE _{LCh}	49, 14.227, 243.536
Yxy	17.4127, 0.2615, 0.2948
Android (android.graphics.Color)	4284119177 (0xFF5A7889)
YUV	112.9680, 11.8478, -20.1429
Hunter-Lab	41.7286, -6.9428, -8.0357

Details

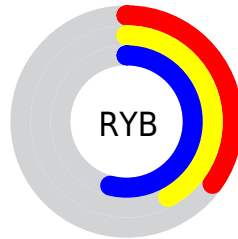
The Hex color **5A7889** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **896B5A**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **8EACBE**, and **294857** is the 20% darker color. If you saturate the color by 10%, you get **4C7389**, and if you desaturate by 10%, it is **687D89**.

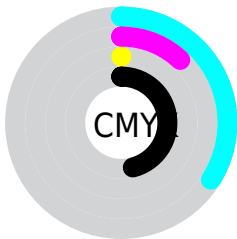
Distribution



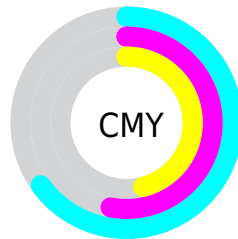
- Red (35%)
- Green (47%)
- Blue (54%)



- Red (35%)
- Yellow (42%)
- Blue (54%)



- Cyan (34%)
- Magenta (12%)
- Yellow (0%)
- Black (46%)



- Cyan (65%)
- Magenta (53%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A7889 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 5A7889 by changing the saturation by 10% instead.

■ 5A7889

■ 5A7889

FFFFFF

■ 415F70

■ 8EACBE

■ 294857

■ A8C8DA

■ 113140

■ C4E4F7

■ 001C2A

■ E0FFFF

■ 000116

■ F0FFFF

■ 000000

■ 5A7889

■ 5A7889

■ 4C7389

■ 687D89

■ 3F6E89

■ 758289

■ 316989

■ 838789

■ 236489

■ 918C89

■ 165F89

■ 9F9189

■ 085A89

■ AC9689

■ 005789

■ BA9B89

■ C8A089

■ D5A589

Harmonies

Analogous

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



537A81



5A7889



68748C

Triad

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



5A7889



8C6B73



6E7760

Complementary

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



5A7889



896B5A

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.



7C735C



5A7889



8C6C67

Square

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



5A7889



856D7F



86705F



617A69

Rectangle

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



5A7889



73728A



86705F



73765E

Sweetspot

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



5A7889



A1ACB3



5A896A



4F5559



D9D9D9



595959

Same Dimension

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



5A7889



6998B3



5A6189



3E4245



005585



000305

Inverse Universe

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



895A78



B36998



89825A



453E42



850055



050003

Previews

White Background



This preview shows how the Hex color 5A7889 looks on a white background.

Color Contrast Check

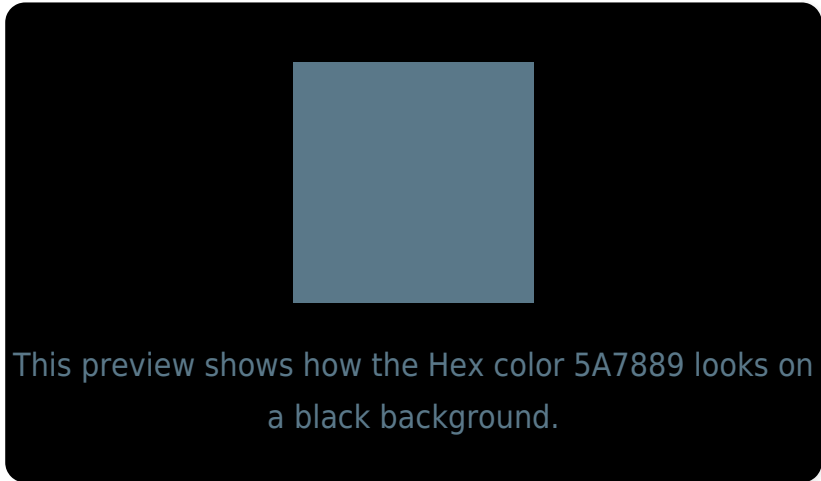
Large Text (above 18pt) WCAG AA ✓ Pass

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

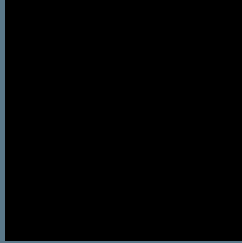
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

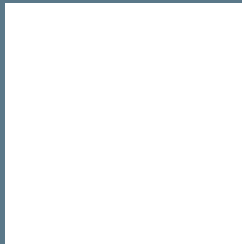
Any Text WCAG AAA × Fail

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

Hex 5A7889 Background



This preview shows how black text looks on a background with the Hex color 5A7889.



This preview shows how white text looks on a background with the Hex color 5A7889.

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
5A7889

Protanopia
707385

Deuteranopia
73718A



Tritanopia
587983

Trichromacy



Original Color
5A7889

Protanomaly
687586

Deuteranomaly
6A748A

Tritanomaly
597985

Monochromacy



Original Color
5A7889

Achromatopsia
717171

Achromatomaly
69747A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A7889 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 #5A7889 looks like.

```
.text, #text, p{  
    color:#5A7889  
}
```

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 #5A7889 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A7889
}
```

Border

The CSS property to change the border of an element to Hex 5A7889 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
#5A7889 }
```

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

```
.border{ border-color:#5A7889 }
```

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

Here you see how a box with a 4 pixel #5A7889 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A7889; -webkit-box-shadow:4px 4px  
4px 4px #5A7889; box-shadow:4px 4px 4px  
4px #5A7889 }
```

Background

The CSS property to change the background color of an element to Hex 5A7889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A7889 }
```

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

```
.background{ background-color:#5A7889 }
```

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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