

Converting Colors

Hex(5A7187)

Have a look what the booklet for
Hex(5A7187) contains.

Hex(5A7187)	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(5A7187)

Conversions

Conversions Part 1

Format	Color
Hex	5A7187
RGB	90, 113, 135
RGB Percent	35%, 44%, 53%
CMY	0.6471, 0.5569, 0.4706
CMYK	0.33, 0.16, 0.00, 0.47
HSL	209°, 20%, 44%
HSV	209°, 33%, 53%
XYZ	14.4948, 15.7332, 25.1945
YIQ	108.6310, -20.7700, 1.9660

Conversions

Conversions Part 2

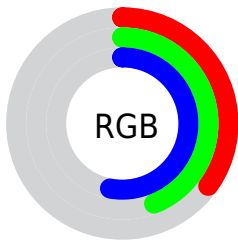
Format	Color
R_{YB}	90, 105, 135
Decimal	5927303
CIE _{Lab}	46.62, -2.79, -14.82
CIE _{LCh}	47, 15.076, 259.329
Yxy	15.7332, 0.2615, 0.2839
Android (android.graphics.Color)	4284117383 (0xFF5A7187)
YUV	108.6310, 12.9999, -16.3394
Hunter-Lab	39.6651, -4.1849, -9.8944

Details

The Hex color **5A7187** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **87705A**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **8DA5BC**, and **2A4155** is the 20% darker color. If you saturate the color by 10%, you get **4D6A87**, and if you desaturate by 10%, it is **687887**.

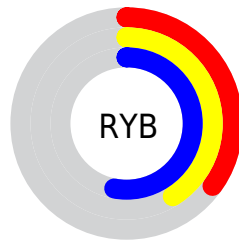
Distribution



Red (35%)

Green (44%)

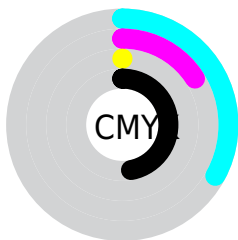
Blue (53%)



Red (35%)

Yellow (41%)

Blue (53%)

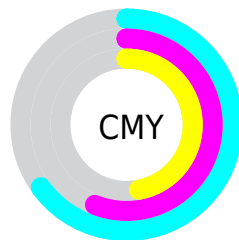


Cyan (33%)

Magenta (16%)

Yellow (0%)

Black (47%)



Cyan (65%)

Magenta (56%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A7187 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 5A7187 by changing the saturation by 10% instead.



5A7187



5A7187

FFFFFF



42596E



8DA5BC



2A4155



A8C0D8



122B3E



C4DCF5



001728



E0F8FF



000113



FDFFFF



000000



5A7187



5A7187



4D6A87



687887



3F6487



757E87

■ 325D87

■ 838587

■ 245787

■ 908B87

■ 175087

■ 9E9287

■ 094987

■ AB9987

■ 004587

■ B99F87

■ C6A687

■ D4AC87

Harmonies

Analogous

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



4E7481



5A7187



6B6D86

Triad

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



5A7187



896667



61745E

Complementary

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



5A7187



87705A

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.



6F7057



5A7187



86685C

Square

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



5A7187



856674



7C6C56



547569

Rectangle

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



5A7187



766A82



7C6C56



66735B

Sweetspot

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



5A7187



9EA7B0



5A8770



4F5459



D9D9D9



595959

Same Dimension

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



5A7187



6A8EB0



5A5B87



3C3F42



004282



000103

Inverse Universe

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



875A71



B06A8E



87865A



423C3F



820042



030001

Previews

White Background



This preview shows how the Hex color 5A7187 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

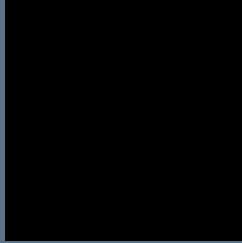
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

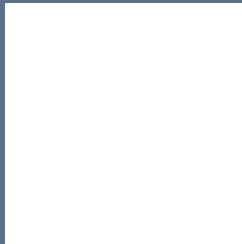
Any Text WCAG AAA × Fail

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

Hex 5A7187 Background



This preview shows how black text looks on a background with the Hex color 5A7187.



This preview shows how white text looks on a background with the Hex color 5A7187.

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
5A7187

Protanopia
696D84

Deuteranopia
6C6C88

Trichromacy



Original Color
5A7187

Protanomaly
646E85

Deuteranomaly
656E88

Tritanomaly
587280

Monochromacy



Original Color
5A7187

Achromatopsia
6D6D6D

Achromatomaly
666E76

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A7187 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 #5A7187 looks like.

```
.text, #text, p{  
    color:#5A7187  
}
```

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 #5A7187 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A7187
}
```

Border

The CSS property to change the border of an element to Hex 5A7187 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
#5A7187 }
```

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

```
.border{ border-color:#5A7187 }
```

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

Here you see how a box with a 4 pixel #5A7187 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A7187; -webkit-box-shadow:4px 4px  
4px 4px #5A7187; box-shadow:4px 4px 4px  
4px #5A7187 }
```

Background

The CSS property to change the background color of an element to Hex 5A7187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A7187 }
```

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

```
.background{ background-color:#5A7187 }
```

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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