

Converting Colors

Hex(5B7F82)

Have a look what the booklet for
Hex(5B7F82) contains.

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Color

Hex(5B7F82)

Conversions

Conversions Part 1

Format	Color
Hex	5B7F82
RGB	91, 127, 130
RGB Percent	36%, 50%, 51%
CMY	0.6431, 0.5020, 0.4902
CMYK	0.30, 0.02, 0.00, 0.49
HSL	185°, 18%, 43%
HSV	185°, 30%, 51%
XYZ	15.9330, 19.0146, 23.9495
YIQ	116.5780, -22.4190, -6.6990

Conversions

Conversions Part 2

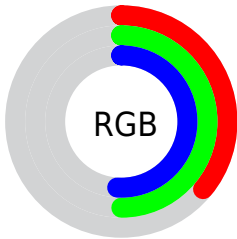
Format	Color
R_{YB}	91, 110, 130
Decimal	5996418
CIE Lab	50.70, -11.83, -5.72
CIE LCh	51, 13.138, 205.814
Yxy	19.0146, 0.2705, 0.3228
Android (android.graphics.Color)	4284186498 (0xFF5B7F82)
YUV	116.5780, 6.6170, -22.4319
Hunter-Lab	43.6057, -11.0882, -2.0398

Details

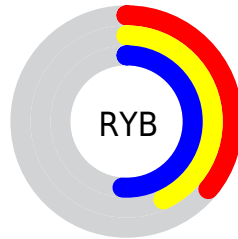
The Hex color **5B7F82** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **825E5B**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **8EB4B7**, and **2B4E51** is the 20% darker color. If you saturate the color by 10%, you get **4E7E82**, and if you desaturate by 10%, it is **688082**.

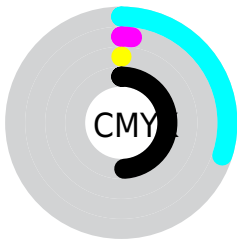
Distribution



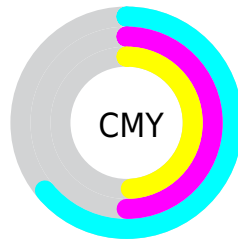
- Red (36%)
- Green (50%)
- Blue (51%)



- Red (36%)
- Yellow (43%)
- Blue (51%)



- Cyan (30%)
- Magenta (2%)
- Yellow (0%)
- Black (49%)



- Cyan (64%)
- Magenta (50%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B7F82 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 5B7F82 by changing the saturation by 10% instead.

■ 5B7F82

■ 5B7F82

FFFFFF

■ 426669

■ 8EB4B7

■ 2B4E51

■ A9CFD2

■ 13373A

■ C5ECEF

■ 002124

■ E1FFFF

■ 00050F

FEFFFF

■ 000000

■ 5B7F82

■ 5B7F82

■ 4E7E82

■ 688082

■ 417D82

■ 758182

■ 347C82

■ 828282

■ 277B82

■ 8F8382

■ 1A7A82

■ 9C8482

■ 0D7982

■ A98582

■ 007882

■ B68682

■ C38782

■ D08882

Harmonies

Analogous

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



607F77



5B7F82



5F7D8B

Triad

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



5B7F82



867385



837763

Complementary

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



5B7F82



825E5B

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.



8C7467



5B7F82



8E717B

Square

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



5B7F82



79768D



90716F



777B64

Rectangle

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



5B7F82



667B8E



90716F



877663

Sweetspot

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



5B7F82



99A7A8



5B825E



4B5354



D4D4D4



545454

Same Dimension

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



5B7F82



6CA4A8



5B6C82



393F40



007680



000000

Inverse Universe

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



825B7F



A86CA4



82715B



40393F



800076



000000

Previews

White Background



This preview shows how the Hex color 5B7F82 looks on a white background.

Color Contrast Check

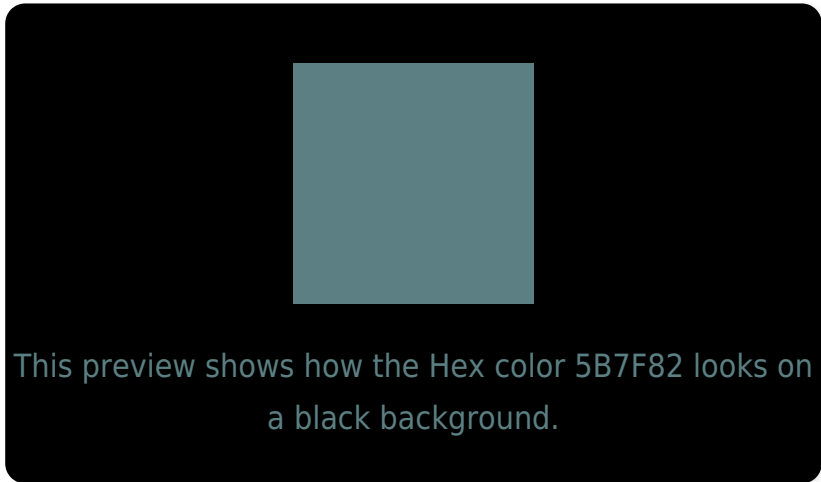
Large Text (above 18pt) WCAG AA ✓ Pass

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

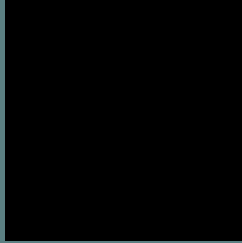
Any Text WCAG AA ✓ Pass

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 5B7F82 Background



This preview shows how black text looks on a background with the Hex color 5B7F82.

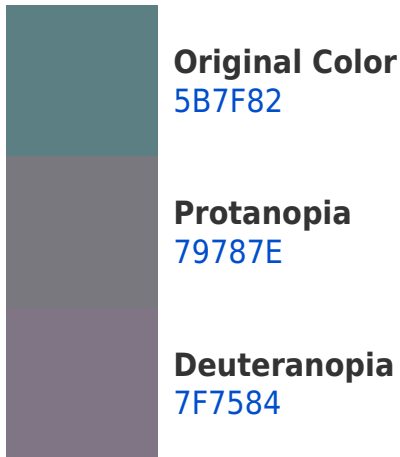


This preview shows how white text looks on a background with the Hex color 5B7F82.

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](#).

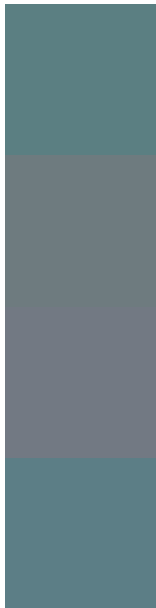
Dichromacy





Tritanopia
5C7E88

Trichromacy



Original Color
5B7F82

Protanomaly
6E7B7F

Deuteranomaly
727983

Tritanomaly
5C7E86

Monochromacy



Original Color
5B7F82

Achromatopsia
757575

Achromatomaly
6C797A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B7F82 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 #5B7F82 looks like.

```
.text, #text, p{  
    color:#5B7F82  
}
```

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 #5B7F82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B7F82
}
```

Border

The CSS property to change the border of an element to Hex 5B7F82 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
#5B7F82 }
```

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

```
.border{ border-color:#5B7F82 }
```

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

Here you see how a box with a 4 pixel #5B7F82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B7F82; -webkit-box-shadow:4px 4px  
4px 4px #5B7F82; box-shadow:4px 4px 4px  
4px #5B7F82 }
```

Background

The CSS property to change the background color of an element to Hex 5B7F82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B7F82 }
```

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

```
.background{ background-color:#5B7F82 }
```

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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