

Converting Colors

Hex(5E82A6)

Have a look what the booklet for
Hex(5E82A6) contains.

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Color

Hex(5E82A6)

Conversions

Conversions Part 1

Format	Color
Hex	5E82A6
RGB	94, 130, 166
RGB Percent	37%, 51%, 65%
CMY	0.6314, 0.4902, 0.3490
CMYK	0.43, 0.22, 0.00, 0.35
HSL	210°, 29%, 51%
HSV	210°, 43%, 65%
XYZ	19.4817, 21.0981, 39.1219
YIQ	123.3400, -33.0120, 3.5640

Conversions

Conversions Part 2

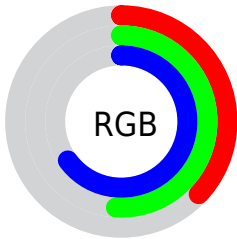
Format	Color
RYB	94, 118, 166
Decimal	6193830
CIELab	53.06, -2.85, -23.12
CIElCh	53, 23.296, 262.961
Yxy	21.0981, 0.2444, 0.2647
Android (android.graphics.Color)	4284383910 (0xFF5E82A6)
YUV	123.3400, 21.0314, -25.7312
Hunter-Lab	45.9327, -4.6741, -18.3458

Details

The Hex color **5E82A6** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **A6825E**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **93B7DD**, and **295172** is the 20% darker color. If you saturate the color by 10%, you get **4D7AA6**, and if you desaturate by 10%, it is **6F8AA6**.

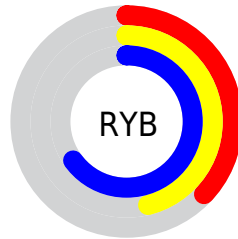
Distribution



Red (37%)

Green (51%)

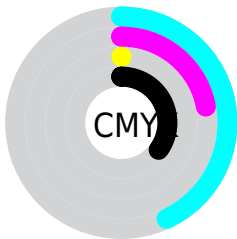
Blue (65%)



Red (37%)

Yellow (46%)

Blue (65%)

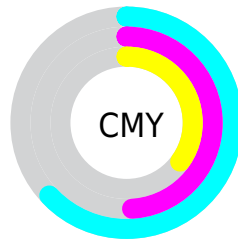


Cyan (43%)

Magenta (22%)

Yellow (0%)

Black (35%)



Cyan (63%)

Magenta (49%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E82A6 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 5E82A6 by changing the saturation by 10% instead.



5E82A6



5E82A6

FFFFFF



44698C



93B7DD



295172



AFD2FA



093A59



CBEFFF



002542



E8FFFF



000F2C



000116



000000



5E82A6



5E82A6



4D7AA6



6F8AA6

■ 3D71A6

■ 7F93A6

■ 2C69A6

■ 909BA6

■ 1C61A6

■ A0A3A6

■ 0B58A6

■ B1ABA6

■ 0053A6

■ C2B4A6

■ D2BCA6

■ E3C4A6

■ F3CDA6

Harmonies

Analogous

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



46879E



5E82A6



7B7BA3

Triad

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



5E82A6



A77170



668766

Complementary

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



5E82A6



A6825E

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.



7D8259



5E82A6



A0755F

Square

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



5E82A6



A37084



917C57



4F8A79

Rectangle

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



5E82A6



8C779C



917C57



6E8661

Sweetspot

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



5E82A6



BDCBD9



5EA682



5C656E



EDEDED



6E6E6E

Same Dimension

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



5E82A6



68A0D9



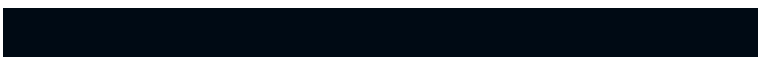
5E5EA6



4C5054



004A94



000A14

Inverse Universe

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



A65E82



D968A0



A6A65E



544C50



94004A



14000A

Previews

White Background



This preview shows how the Hex color 5E82A6 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

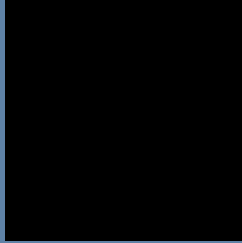
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

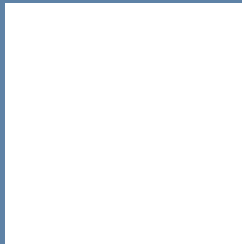
Any Text WCAG AAA × Fail

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

Hex 5E82A6 Background



This preview shows how black text looks on a background with the Hex color 5E82A6.

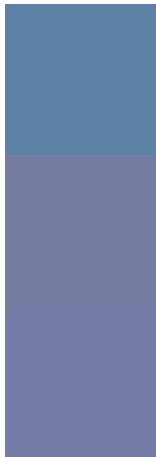


This preview shows how white text looks on a background with the Hex color 5E82A6.

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
5E82A6

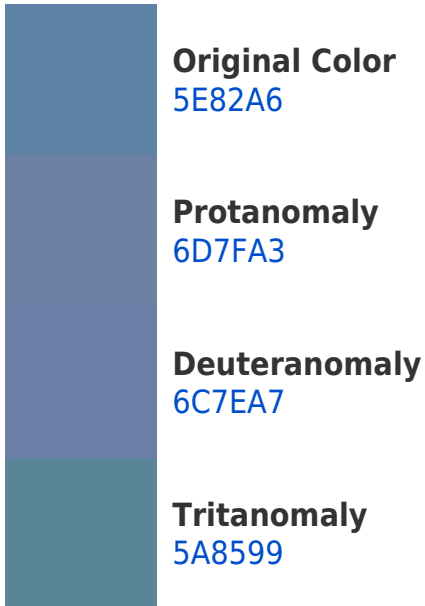
Protanopia
757DA2

Deuteranopia
747CA7



Tritanopia
588691

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5E82A6 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 #5E82A6 looks like.

```
.text, #text, p{  
    color:#5E82A6  
}
```

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 #5E82A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E82A6
}
```

Border

The CSS property to change the border of an element to Hex 5E82A6 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
#5E82A6 }
```

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

```
.border{ border-color:#5E82A6 }
```

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

Here you see how a box with a 4 pixel #5E82A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E82A6; -webkit-box-shadow:4px 4px  
4px 4px #5E82A6; box-shadow:4px 4px 4px  
4px #5E82A6 }
```

Background

The CSS property to change the background color of an element to Hex 5E82A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E82A6 }
```

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

```
.background{ background-color:#5E82A6 }
```

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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