

Converting Colors

Hex(5E82C9)

Have a look what the booklet for
Hex(5E82C9) contains.

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Color

Hex(5E82C9)

Conversions

Conversions Part 1

Format	Color
Hex	5E82C9
RGB	94, 130, 201
RGB Percent	37%, 51%, 79%
CMY	0.6314, 0.4902, 0.2118
CMYK	0.53, 0.35, 0.00, 0.21
HSL	220°, 50%, 58%
HSV	220°, 53%, 79%
XYZ	23.1413, 22.5620, 58.3936
YIQ	127.3300, -44.2470, 14.4490

Conversions

Conversions Part 2

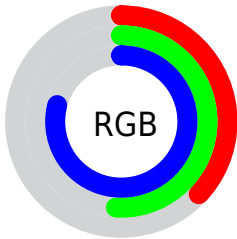
Format	Color
R _Y B	94, 121, 201
Decimal	6193865
CIE Lab	54.62, 7.83, -40.74
CIE LCh	55, 41.481, 280.874
Yxy	22.5620, 0.2223, 0.2167
Android (android.graphics.Color)	4284383945 (0xFF5E82C9)
YUV	127.3300, 36.3193, -29.2304
Hunter-Lab	47.4995, 3.8396, -39.6386

Details

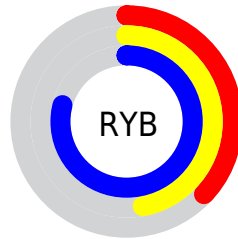
The Hex color **5E82C9** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **C9A55E**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **96B7FF**, and **205193** is the 20% darker color. If you saturate the color by 10%, you get **4A75C9**, and if you desaturate by 10%, it is **728FC9**.

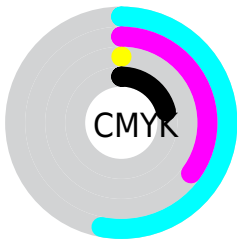
Distribution



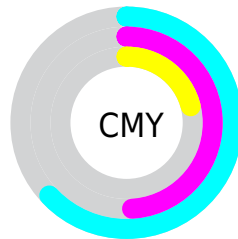
- Red (37%)
- Green (51%)
- Blue (79%)



- Red (37%)
- Yellow (47%)
- Blue (79%)



- Cyan (53%)
- Magenta (35%)
- Yellow (0%)
- Black (21%)



- Cyan (63%)
- Magenta (49%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E82C9 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 5E82C9 by changing the saturation by 10% instead.

■ 5E82C9

■ 5E82C9

FFFFFF

■ 4169AD

■ 96B7FF

■ 205193

■ B3D2FF

■ 003B78

■ D0EEFF

■ 00265F

■ EDFFFF

■ 001147

■ 000430

■ 00011A

■ 000000

■ 5E82C9

■ 5E82C9

■ 4A75C9

■ 728FC9

■ 3667C9

■ 869DC9

■ 225AC9

■ 9AAAC9

■ 0E4DC9

■ AEB7C9

■ 0044C9

■ C3C5C9

■ D7D2C9

■ EBDFC9

■ FFEDC9

■ FFFAC9

Harmonies

Analogous

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



008DC6



5E82C9



9774B9

Triad

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



5E82C9



C06C55



2E936A

Complementary

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



5E82C9



C9A55E

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.



648E4A



5E82C9



AB793E

Square

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



5E82C9



C66477



8B8539



00958F

Rectangle

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



5E82C9



B06BA6



8B8539



44925E

Sweetspot

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



5E82C9



D6E4FF



5EC9A4



676F80



000000



808080

Same Dimension

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



5E82C9



5C93FF



6E5EC9



5A5D63



0037A3



000C24

Inverse Universe

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



C95E82



FF5C93



B9C95E



635A5D



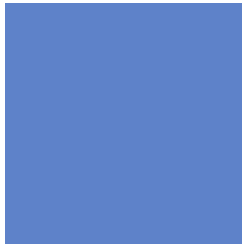
A30037



24000C

Previews

White Background



This preview shows how the Hex color 5E82C9 looks on a white background.

Color Contrast Check

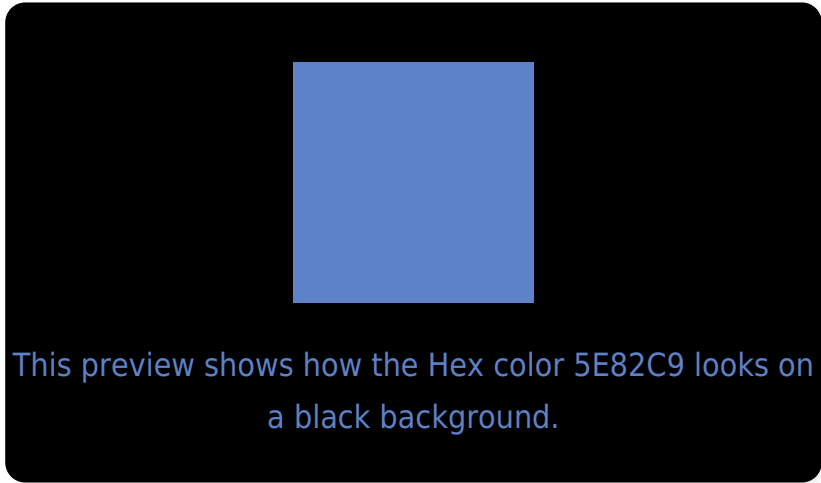
Large Text (above 18pt) WCAG AA ✓ Pass

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

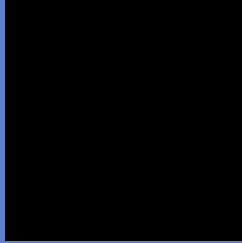
Any Text WCAG AA ✓ Pass

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 5E82C9 Background



This preview shows how black text looks on a background with the Hex color 5E82C9.

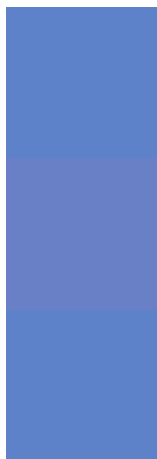


This preview shows how white text looks on a background with the Hex color 5E82C9.

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](#).

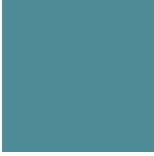
Dichromacy



Original Color
5E82C9

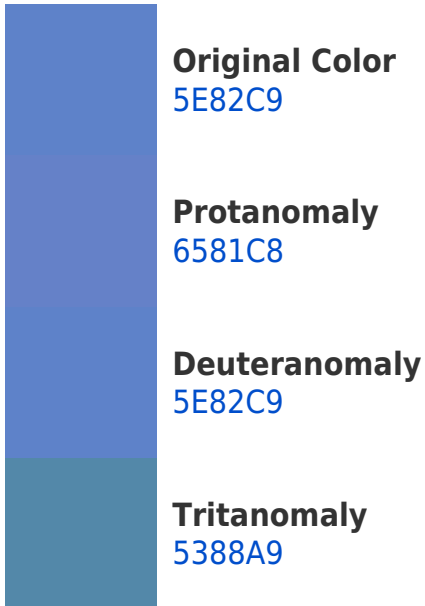
Protanopia
6980C7

Deuteranopia
5E82C9

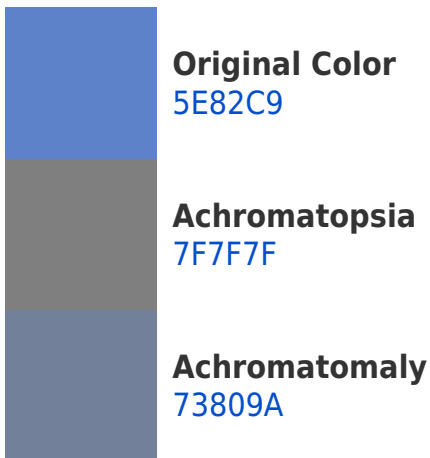


Tritanopia
4D8C97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5E82C9 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 #5E82C9 looks like.

```
.text, #text, p{  
    color:#5E82C9  
}
```

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 #5E82C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E82C9
}
```

Border

The CSS property to change the border of an element to Hex 5E82C9 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
#5E82C9 }
```

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

```
.border{ border-color:#5E82C9 }
```

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

Here you see how a box with a 4 pixel #5E82C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E82C9; -webkit-box-shadow:4px 4px  
4px 4px #5E82C9; box-shadow:4px 4px 4px  
4px #5E82C9 }
```

Background

The CSS property to change the background color of an element to Hex 5E82C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E82C9 }
```

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

```
.background{ background-color:#5E82C9 }
```

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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