

Converting Colors

Hex(5C6EA7)

Have a look what the booklet for
Hex(5C6EA7) contains.

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Color

Hex(5C6EA7)

Conversions

Conversions Part 1

Format	Color
Hex	5C6EA7
RGB	92, 110, 167
RGB Percent	36%, 43%, 65%
CMY	0.6392, 0.5686, 0.3451
CMYK	0.45, 0.34, 0.00, 0.35
HSL	226°, 30%, 51%
HSV	226°, 45%, 65%
XYZ	16.9646, 16.2172, 38.7953
YIQ	111.1160, -29.0250, 13.9110

Conversions

Conversions Part 2

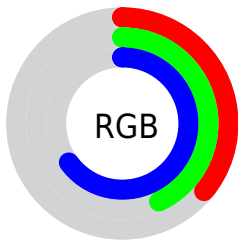
Format	Color
R _Y B	92, 107, 167
Decimal	6057639
CIE Lab	47.26, 8.85, -32.72
CIE LCh	47, 33.898, 285.139
Yxy	16.2172, 0.2357, 0.2253
Android (android.graphics.Color)	4284247719 (0xFF5C6EA7)
YUV	111.1160, 27.5508, -16.7647
Hunter-Lab	40.2706, 4.7224, -28.9286

Details

The Hex color **5C6EA7** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A7955C**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **91A1DE**, and **273F73** is the 20% darker color. If you saturate the color by 10%, you get **4B61A7**, and if you desaturate by 10%, it is **6D7BA7**.

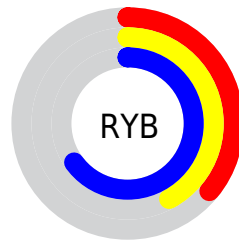
Distribution



Red (36%)

Green (43%)

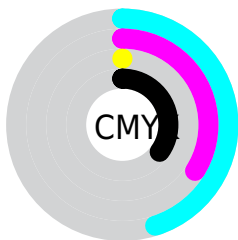
Blue (65%)



Red (36%)

Yellow (42%)

Blue (65%)

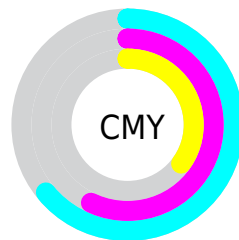


Cyan (45%)

Magenta (34%)

Yellow (0%)

Black (35%)



Cyan (64%)

Magenta (57%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C6EA7 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 5C6EA7 by changing the saturation by 10% instead.

■ 5C6EA7

■ 5C6EA7

FFFFFF

■ 42568C

■ 91A1DE

■ 273F73

■ ADBCFB

■ 04295A

■ C9D8FF

■ 001542

■ E6F4FF

■ 00032C

■ 000116

■ 000000

■ 5C6EA7

■ 5C6EA7

■ 4B61A7

■ 6D7BA7

■ 3B55A7

■ 7D87A7

■ 2A48A7

■ 8E94A7

■ 193BA7

■ 9FA1A7

■ 092FA7

■ B0ADA7

■ 0028A7

■ C0BAA7

■ D1C7A7

■ E2D4A7

■ F2E0A7

Harmonies

Analogous

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



1A77A7



5C6EA7



856398

Triad

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



5C6EA7



A05F49



297E60

Complementary

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



5C6EA7



A7955C

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.



537A47



5C6EA7



8E6939

Square

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



5C6EA7



A75963



737337



007F7E

Rectangle

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



5C6EA7



985D89



737337



3A7D57

Sweetspot

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



5C6EA7



BDC3D9



5CA794



5C606E



EDEDED



6E6E6E

Same Dimension

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



5C6EA7



6480D9



6F5CA7



4C4E54



002394



000514

Inverse Universe

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



A75C6E



D96480



94A75C



544C4E



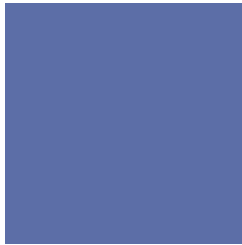
940023



140005

Previews

White Background



This preview shows how the Hex color 5C6EA7 looks on a white background.

Color Contrast Check

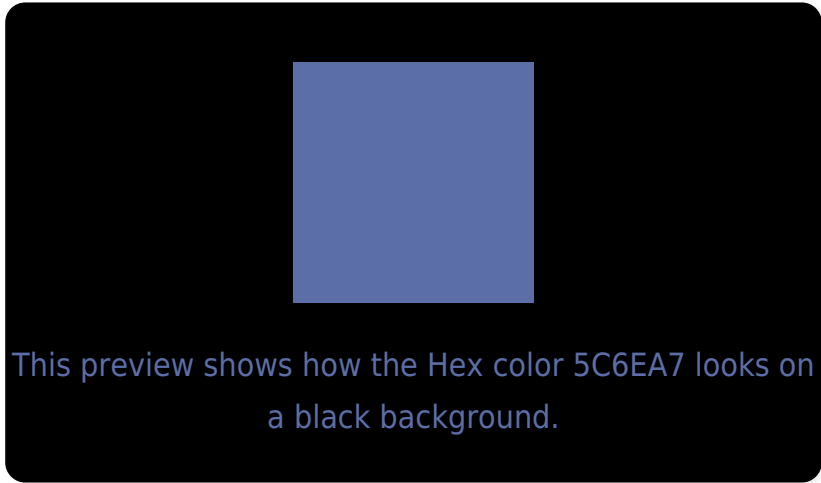
Large Text (above 18pt) WCAG AA ✓ Pass

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

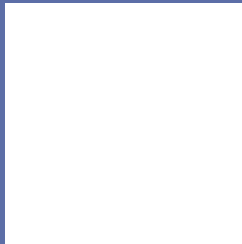
Any Text WCAG AAA × Fail

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

Hex 5C6EA7 Background



This preview shows how black text looks on a background with the Hex color 5C6EA7.

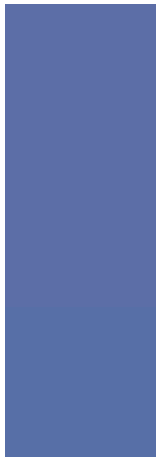


This preview shows how white text looks on a background with the Hex color 5C6EA7.

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
5C6EA7

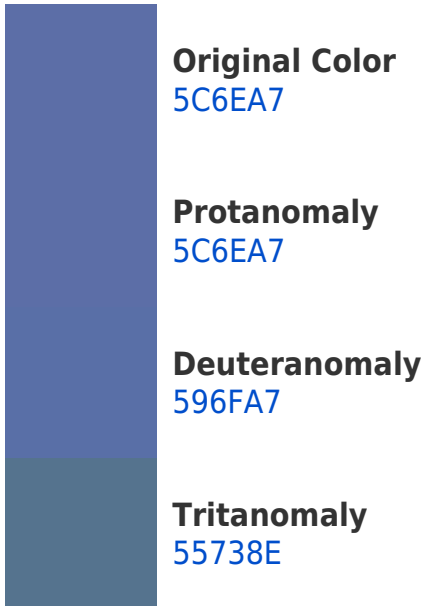
Protanopia
5C6EA7

Deuteranopia
576FA7



Tritanopia
51767F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5C6EA7 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 #5C6EA7 looks like.

```
.text, #text, p{  
    color:#5C6EA7  
}
```

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 #5C6EA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C6EA7
}
```

Border

The CSS property to change the border of an element to Hex 5C6EA7 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
#5C6EA7 }
```

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

```
.border{ border-color:#5C6EA7 }
```

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

Here you see how a box with a 4 pixel #5C6EA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C6EA7; -webkit-box-shadow:4px 4px  
4px 4px #5C6EA7; box-shadow:4px 4px 4px  
4px #5C6EA7 }
```

Background

The CSS property to change the background color of an element to Hex 5C6EA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C6EA7 }
```

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

```
.background{ background-color:#5C6EA7 }
```

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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