

Converting Colors

Hex(5D7EAA)

Have a look what the booklet for
Hex(5D7EAA) contains.

Hex(5D7EAA)	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(5D7EAA)

Conversions

Conversions Part 1

Format	Color
Hex	5D7EAA
RGB	93, 126, 170
RGB Percent	36%, 49%, 67%
CMY	0.6353, 0.5059, 0.3333
CMYK	0.45, 0.26, 0.00, 0.33
HSL	214°, 31%, 52%
HSV	214°, 45%, 67%
XYZ	19.2308, 20.1511, 40.9062
YIQ	121.1490, -33.7920, 6.6880

Conversions

Conversions Part 2

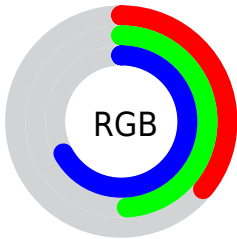
Format	Color
R_{YB}	93, 116, 170
Decimal	6127274
CIE _{Lab}	52.01, 0.40, -27.06
CIE _{LCh}	52, 27.062, 270.838
Yxy	20.1511, 0.2395, 0.2510
Android (android.graphics.Color)	4284317354 (0xFF5D7EAA)
YUV	121.1490, 24.0835, -24.6867
Hunter-Lab	44.8900, -2.0887, -22.6052

Details

The Hex color **5D7EAA** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **AA895D**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **93B3E1**, and **274D76** is the 20% darker color. If you saturate the color by 10%, you get **4C74AA**, and if you desaturate by 10%, it is **6E88AA**.

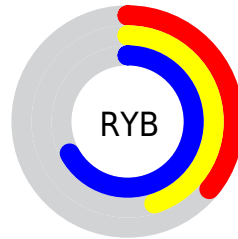
Distribution



Red (36%)

Green (49%)

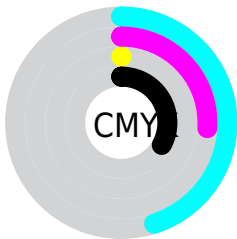
Blue (67%)



Red (36%)

Yellow (45%)

Blue (67%)

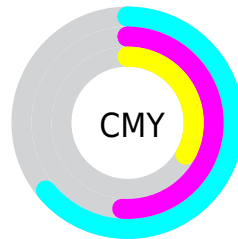


Cyan (45%)

Magenta (26%)

Yellow (0%)

Black (33%)



Cyan (64%)

Magenta (51%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D7EAA 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 5D7EAA by changing the saturation by 10% instead.

■ 5D7EAA

■ 5D7EAA

FFFFFF

■ 43658F

■ 93B3E1

■ 274D76

■ AECEFE

■ 04375D

■ CAEAFF

■ 002245

■ E7FFFF

■ 000A2F

■ 000119

■ 000000

■ 5D7EAA

■ 5D7EAA

■ 4C74AA

■ 6E88AA

■ 3B6BAA

■ 7F91AA

■ 2A61AA

■ 909BAA

■ 1957AA

■ A1A5AA

■ 084DAA

■ B2AFAA

■ 0049AA

■ C3B8AA

■ D4C2AA

■ E5CCAA

■ F6D5AA

Harmonies

Analogous

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



3984A4



5D7EAA



8076A4

Triad

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



5D7EAA



A96C65



578665

Complementary

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



5D7EAA



AA895D

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.



738254



5D7EAA



9E7354

Square

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



5D7EAA



A86A7C



8B7B4D



3B897C

Rectangle

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



5D7EAA



92709A



8B7B4D



61855E

Sweetspot

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



5D7EAA



BFCCDE



5DAA89



5D6570



F0F0F0



707070

Same Dimension

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



5D7EAA



6699DE



625DAA



4C4F54



003F94



000914

Inverse Universe

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



AA5D7E



DE6699



A5AA5D



544C4F



94003F



140009

Previews

White Background



This preview shows how the Hex color 5D7EAA looks on a white background.

Color Contrast Check

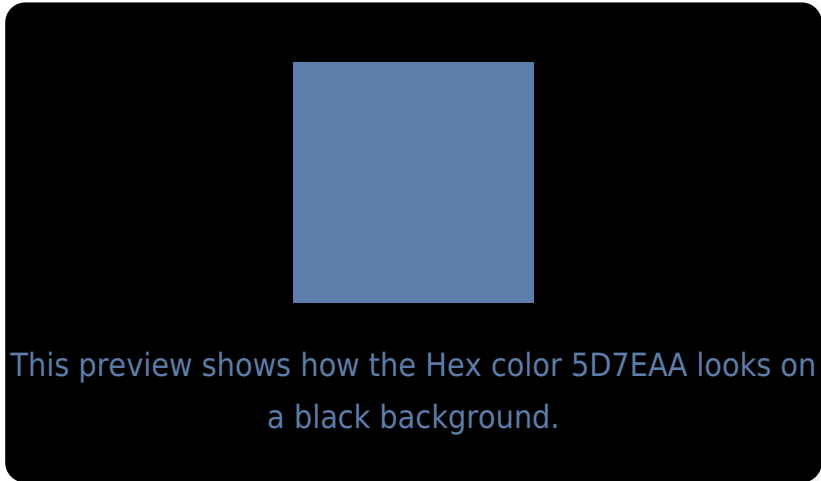
Large Text (above 18pt) WCAG AA ✓ Pass

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

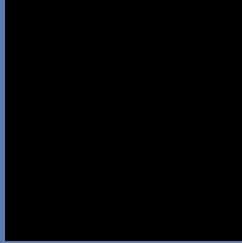
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

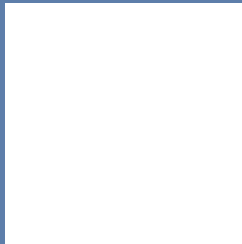
Any Text WCAG AAA × Fail

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

Hex 5D7EAA Background



This preview shows how black text looks on a background with the Hex color 5D7EAA.



This preview shows how white text looks on a background with the Hex color 5D7EAA.

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
5D7EAA

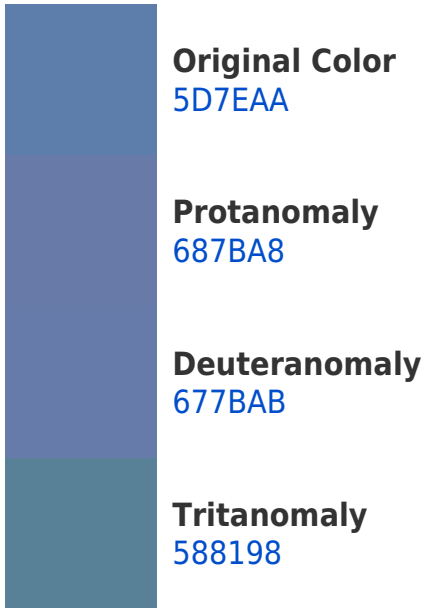
Protanopia
6F7AA7

Deuteranopia
6C7AAB



Tritanopia
55838E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5D7EAA 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 #5D7EAA looks like.

```
.text, #text, p{  
    color:#5D7EAA  
}
```

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 #5D7EAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D7EAA
}
```

Border

The CSS property to change the border of an element to Hex 5D7EAA 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
#5D7EAA }
```

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

```
.border{ border-color:#5D7EAA }
```

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

Here you see how a box with a 4 pixel #5D7EAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D7EAA; -webkit-box-shadow:4px 4px  
4px 4px #5D7EAA; box-shadow:4px 4px 4px  
4px #5D7EAA }
```

Background

The CSS property to change the background color of an element to Hex 5D7EAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D7EAA }
```

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

```
.background{ background-color:#5D7EAA }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor