

Converting Colors

Hex(5E7791)

Have a look what the booklet for
Hex(5E7791) contains.

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Color

Hex(5E7791)

Conversions

Conversions Part 1

Format	Color
Hex	5E7791
RGB	94, 119, 145
RGB Percent	37%, 47%, 57%
CMY	0.6314, 0.5333, 0.4314
CMYK	0.35, 0.18, 0.00, 0.43
HSL	211°, 21%, 47%
HSV	211°, 35%, 57%
XYZ	16.3238, 17.6177, 29.3283
YIQ	114.4890, -23.2460, 2.7860

Conversions

Conversions Part 2

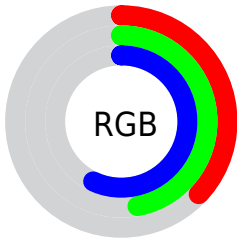
Format	Color
R_{YB}	94, 111, 145
Decimal	6190993
CIE _{Lab}	49.03, -2.37, -17.04
CIE _{LCh}	49, 17.208, 262.081
Yxy	17.6177, 0.2580, 0.2785
Android (android.graphics.Color)	4284381073 (0xFF5E7791)
YUV	114.4890, 15.0419, -17.9689
Hunter-Lab	41.9734, -4.0336, -12.0466

Details

The Hex color **5E7791** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **91785E**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **92ABC7**, and **2D475E** is the 20% darker color. If you saturate the color by 10%, you get **507091**, and if you desaturate by 10%, it is **6D7E91**.

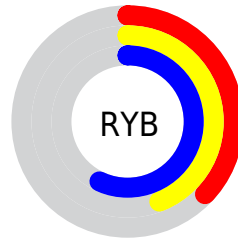
Distribution



Red (37%)

Green (47%)

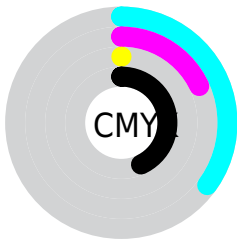
Blue (57%)



Red (37%)

Yellow (44%)

Blue (57%)

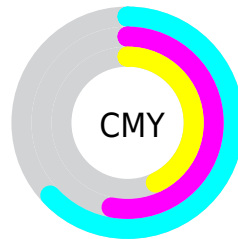


Cyan (35%)

Magenta (18%)

Yellow (0%)

Black (43%)



Cyan (63%)

Magenta (53%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E7791 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 5E7791 by changing the saturation by 10% instead.



5E7791



5E7791

FFFFFF



455E77



92ABC7



2D475E



ADC6E3



143047



C9E2FF



001C30



E5FFFF



00011C



000000



5E7791



5E7791



507091



6D7E91



416891



7B8691

■ 336191

■ 8A8D91

■ 245991

■ 989591

■ 165291

■ A79C91

■ 074B91

■ B5A391

■ 004791

■ C4AB91

■ D2B291

■ E1BA91

Harmonies

Analogous

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



4F7B8B



5E7791



72728F

Triad

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



5E7791



936B6A



637B62

Complementary

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



5E7791



91785E

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.



747759



5E7791



8E6E5E

Square

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



5E7791



8F6A79



837258



547D70

Rectangle

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



5E7791



7E6F8A



837258



697A5F

Sweetspot

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



5E7791



A8B2BD



5E9178



52585E



DEDEDE



5E5E5E

Same Dimension

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



5E7791



6D94BD



5E5E91



404447



004287



000408

Inverse Universe

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



915E77



BD6D94



91915E



474044



870042



080004

Previews

White Background



This preview shows how the Hex color 5E7791 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

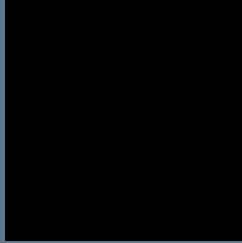
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

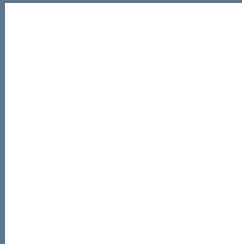
Any Text WCAG AAA × Fail

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

Hex 5E7791 Background



This preview shows how black text looks on a background with the Hex color 5E7791.

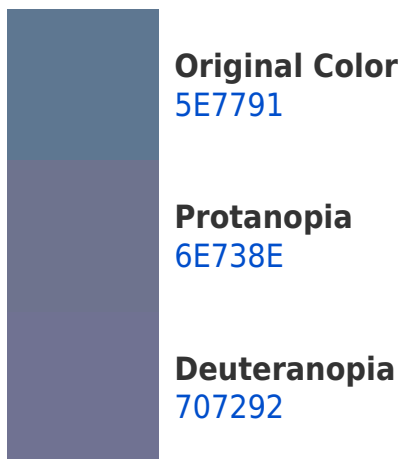


This preview shows how white text looks on a background with the Hex color 5E7791.

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
5B7983

Trichromacy



Original Color
5E7791

Protanomaly
68748F

Deuteranomaly
697492

Tritanomaly
5C7888

Monochromacy



Original Color
5E7791

Achromatopsia
727272

Achromatomaly
6B747D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E7791 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 #5E7791 looks like.

```
.text, #text, p{  
    color:#5E7791  
}
```

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 #5E7791 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E7791
}
```

Border

The CSS property to change the border of an element to Hex 5E7791 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
#5E7791 }
```

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

```
.border{ border-color:#5E7791 }
```

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

Here you see how a box with a 4 pixel #5E7791 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E7791; -webkit-box-shadow:4px 4px  
4px 4px #5E7791; box-shadow:4px 4px 4px  
4px #5E7791 }
```

Background

The CSS property to change the background color of an element to Hex 5E7791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E7791 }
```

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

```
.background{ background-color:#5E7791 }
```

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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