

Converting Colors

Hex(5D607B)

Have a look what the booklet for
Hex(5D607B) contains.

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Color

Hex(5D607B)

Conversions

Conversions Part 1

Format	Color
Hex	5D607B
RGB	93, 96, 123
RGB Percent	36%, 38%, 48%
CMY	0.6353, 0.6235, 0.5176
CMYK	0.24, 0.22, 0.00, 0.52
HSL	234°, 14%, 42%
HSV	234°, 24%, 48%
XYZ	12.2722, 12.1230, 20.4320
YIQ	98.1810, -10.4550, 7.7610

Conversions

Conversions Part 2

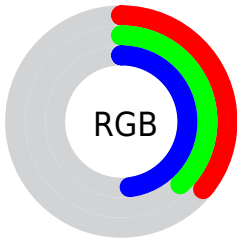
Format	Color
R_{YB}	93, 96, 123
Decimal	6119547
CIE Lab	41.41, 5.25, -15.52
CIE LCh	41, 16.383, 288.707
Yxy	12.1230, 0.2738, 0.2704
Android (android.graphics.Color)	4284309627 (0xFF5D607B)
YUV	98.1810, 12.2358, -4.5437
Hunter-Lab	34.8180, 1.9839, -10.4201

Details

The Hex color **5D607B** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7B785D**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **9092B0**, and **2E324A** is the 20% darker color. If you saturate the color by 10%, you get **51557B**, and if you desaturate by 10%, it is **696B7B**.

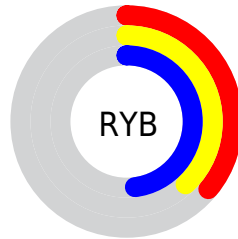
Distribution



 Red (36%)

 Green (38%)

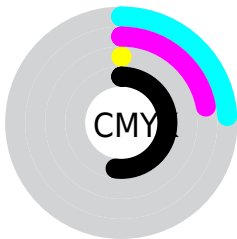
 Blue (48%)



 Red (36%)

 Yellow (38%)

 Blue (48%)

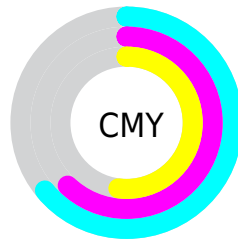


 Cyan (24%)

 Magenta (22%)

 Yellow (0%)

 Black (52%)



 Cyan (64%)

 Magenta (62%)

 Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D607B 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 5D607B by changing the saturation by 10% instead.

■ 5D607B

■ 5D607B

FFFFFF

■ 454862

■ 9092B0

■ 2E324A

■ AAADCB

■ 181D33

■ C6C8E7

■ 01031F

■ E2E4FF

■ 000002

■ 000000

■ 5D607B

■ 5D607B

■ 51557B

■ 696B7B

■ 444A7B

■ 76767B

■ 383F7B

■ 82817B

■ 2C347B

■ 8E8C7B

■ 20297B

■ 9B977B

■ 131E7B

■ A7A27B

■ 07137B

■ B3AD7B

■ 000C7B

■ BFB97B

■ CCC47B

Harmonies

Analogous

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



4A647C



5D607B



6E5B74

Triad

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



5D607B



7A5B4E



45695C

Complementary

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



5D607B



7B785D

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.



536750



5D607B



705F48

Square

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



5D607B



7D585A



636348



3B696A

Rectangle

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



5D607B



76596C



636348



496857

Sweetspot

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



5D607B



9597A1



5D7B78



4B4C52



D1D1D1



525252

Same Dimension

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



5D607B



7277A1



695D7B



37383D



000C7D



0019FC

Inverse Universe

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



7B5D60



A17277



6F7B5D



3D3738



7D000C



FC0019

Previews

White Background



This preview shows how the Hex color 5D607B looks on a white background.

Color Contrast Check

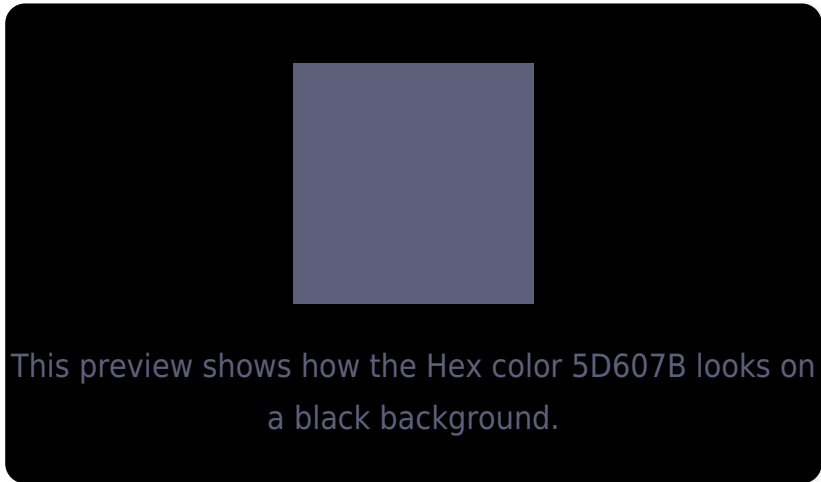
Large Text (above 18pt) WCAG AA ✓ Pass

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

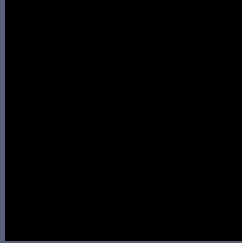
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

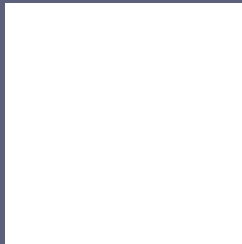
Any Text WCAG AAA × Fail

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

Hex 5D607B Background



This preview shows how black text looks on a background with the Hex color 5D607B.



This preview shows how white text looks on a background with the Hex color 5D607B.

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

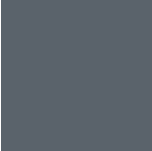
5D607B

Protanopia

5B617B

Deuteranopia

5E607B



Tritanopia
5A636B

Trichromacy



Original Color
5D607B

Protanomaly
5C617B

Deuteranomaly
5E607B

Tritanomaly
5B6271

Monochromacy



Original Color
5D607B

Achromatopsia
626262

Achromatomaly
60616B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D607B 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 #5D607B looks like.

```
.text, #text, p{  
    color:#5D607B  
}
```

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 #5D607B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D607B
}
```

Border

The CSS property to change the border of an element to Hex 5D607B 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
#5D607B }
```

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

```
.border{ border-color:#5D607B }
```

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

Here you see how a box with a 4 pixel #5D607B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D607B; -webkit-box-shadow:4px 4px  
4px 4px #5D607B; box-shadow:4px 4px 4px  
4px #5D607B }
```

Background

The CSS property to change the background color of an element to Hex 5D607B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D607B }
```

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

```
.background{ background-color:#5D607B }
```

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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