

Converting Colors

Hex(5A5F7D)

Have a look what the booklet for
Hex(5A5F7D) contains.

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Color

Hex(5A5F7D)

Conversions

Conversions Part 1

Format	Color
Hex	5A5F7D
RGB	90, 95, 125
RGB Percent	35%, 37%, 49%
CMY	0.6471, 0.6275, 0.5098
CMYK	0.28, 0.24, 0.00, 0.51
HSL	231°, 16%, 42%
HSV	231°, 28%, 49%
XYZ	12.0103, 11.8387, 21.0541
YIQ	96.9250, -12.6100, 8.2700

Conversions

Conversions Part 2

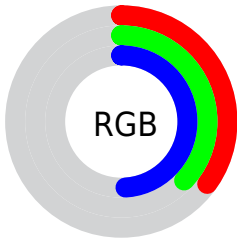
Format	Color
RYB	90, 94, 125
Decimal	5922685
CIELab	40.96, 5.39, -17.45
CIELCh	41, 18.263, 287.176
Yxy	11.8387, 0.2675, 0.2637
Android (android.graphics.Color)	4284112765 (0xFF5A5F7D)
YUV	96.9250, 13.8410, -6.0732
Hunter-Lab	34.4075, 2.0944, -12.1947

Details

The Hex color **5A5F7D** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7D785A**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **8D91B2**, and **2B314C** is the 20% darker color. If you saturate the color by 10%, you get **4E547D**, and if you desaturate by 10%, it is **676A7D**.

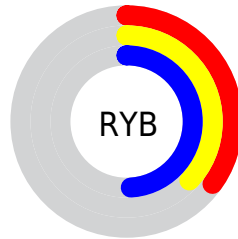
Distribution



Red (35%)

Green (37%)

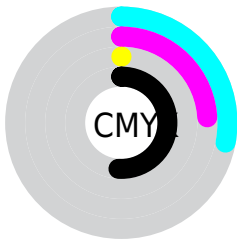
Blue (49%)



Red (35%)

Yellow (37%)

Blue (49%)

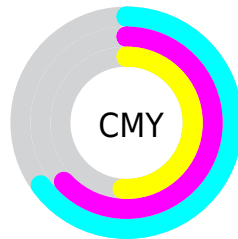


Cyan (28%)

Magenta (24%)

Yellow (0%)

Black (51%)



Cyan (65%)

Magenta (63%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A5F7D 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 5A5F7D by changing the saturation by 10% instead.



5A5F7D



5A5F7D

FFFFFF



424764



8D91B2



2B314C



A7ACCD



151C35



C3C7E9



000120



DFE3FF



000005



FCFFFF



000000



5A5F7D



5A5F7D



4E547D



676A7D



414A7D



73747D

■ 353F7D

■ 807F7D

■ 28347D

■ 8C8A7D

■ 1B297D

■ 99957D

■ 0F1F7D

■ A59F7D

■ 03147D

■ B2AA7D

■ 00127D

■ BEB57D

■ CBBF7D

Harmonies

Analogous

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



45647D



5A5F7D



6D5A75

Triad

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



5A5F7D



7B594B



416859

Complementary

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



5A5F7D



7D785A

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.



51664C



5A5F7D



715D44

Square

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



5A5F7D



7F5658



626244



346969

Rectangle

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



5A5F7D



77576C



626244



466855

Sweetspot

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



5A5F7D



9698A3



5A7D78



494B52



D1D1D1



525252

Same Dimension

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



5A5F7D



6C74A3



665A7D



393A40



001280



000000

Inverse Universe

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



7D5A5F



A36C74



717D5A



40393A



800012



000000

Previews

White Background



This preview shows how the Hex color 5A5F7D looks on a white background.

Color Contrast Check

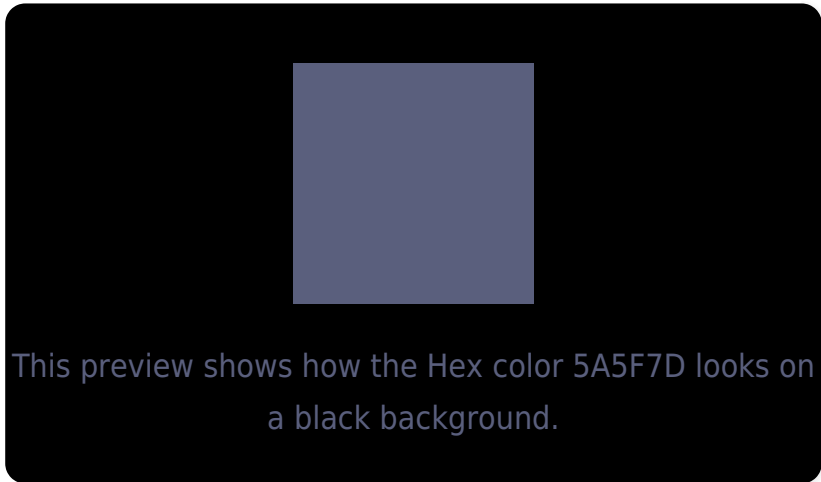
Large Text (above 18pt) WCAG AA ✓ Pass

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

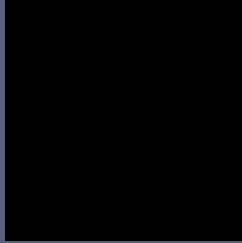
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

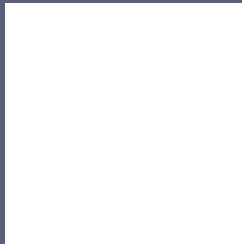
Any Text WCAG AAA × Fail

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

Hex 5A5F7D Background



This preview shows how black text looks on a background with the Hex color 5A5F7D.



This preview shows how white text looks on a background with the Hex color 5A5F7D.

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

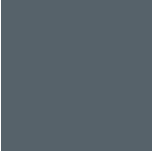
5A5F7D

Protanopia

595F7D

Deuteranopia

5B5F7D



Tritanopia
56626A

Trichromacy



Original Color
5A5F7D

Protanomaly
595F7D

Deuteranomaly
5B5F7D

Tritanomaly
576171

Monochromacy



Original Color
5A5F7D

Achromatopsia
616161

Achromatomaly
5E606B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A5F7D 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 #5A5F7D looks like.

```
.text, #text, p{  
    color:#5A5F7D  
}
```

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 #5A5F7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A5F7D
}
```

Border

The CSS property to change the border of an element to Hex 5A5F7D 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
#5A5F7D }
```

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

```
.border{ border-color:#5A5F7D }
```

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

Here you see how a box with a 4 pixel #5A5F7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A5F7D; -webkit-box-shadow:4px 4px  
4px 4px #5A5F7D; box-shadow:4px 4px 4px  
4px #5A5F7D }
```

Background

The CSS property to change the background color of an element to Hex 5A5F7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A5F7D }
```

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

```
.background{ background-color:#5A5F7D }
```

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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