

Converting Colors

Hex(5D5D7A)

Have a look what the booklet for
Hex(5D5D7A) contains.

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Color

Hex(5D5D7A)

Conversions

Conversions Part 1

Format	Color
Hex	5D5D7A
RGB	93, 93, 122
RGB Percent	36%, 36%, 48%
CMY	0.6353, 0.6353, 0.5216
CMYK	0.24, 0.24, 0.00, 0.52
HSL	240°, 13%, 42%
HSV	240°, 24%, 48%
XYZ	11.9414, 11.5610, 20.0145
YIQ	96.3060, -9.3090, 9.0190

Conversions

Conversions Part 2

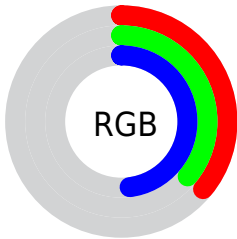
Format	Color
R_{YB}	93, 93, 122
Decimal	6118778
CIE _{Lab}	40.51, 6.85, -16.29
CIE _{LCh}	41, 17.667, 292.804
Yxy	11.5610, 0.2744, 0.2657
Android (android.graphics.Color)	4284308858 (0xFF5D5D7A)
YUV	96.3060, 12.6671, -2.8994
Hunter-Lab	34.0015, 3.1871, -11.0992

Details

The Hex color **5D5D7A** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7A7A5D**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **908FAE**, and **2E2F49** is the 20% darker color. If you saturate the color by 10%, you get **51517A**, and if you desaturate by 10%, it is **69697A**.

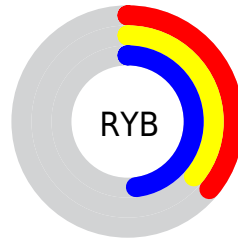
Distribution



Red (36%)

Green (36%)

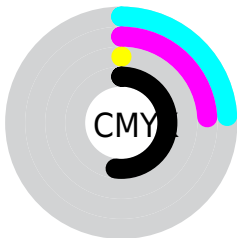
Blue (48%)



Red (36%)

Yellow (36%)

Blue (48%)

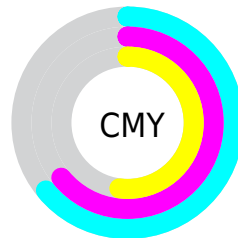


Cyan (24%)

Magenta (24%)

Yellow (0%)

Black (52%)



Cyan (64%)

Magenta (64%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D5D7A 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 5D5D7A by changing the saturation by 10% instead.

■ 5D5D7A

■ 5D5D7A

FFFFFF

■ 454561

■ 908FAE

■ 2E2F49

■ AAAACA

■ 181B33

■ C6C5E6

■ 01001E

■ E2E1FF

■ 000000

FFFEFF

■ 5D5D7A

■ 5D5D7A

■ 51517A

■ 69697A

■ 45457A

■ 75757A

■ 38387A

■ 82827A

■ 2C2C7A

■ 8E8E7A

■ 20207A

■ 9A9A7A

■ 14147A

■ A6A67A

■ 08087A

■ B2B27A

■ 00007A

■ BFBF7A

■ CBCB7A

Harmonies

Analogous

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



48627C



5D5D7A



6F5871

Triad

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



5D5D7A



785949



3E675B

Complementary

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



5D5D7A



7A7A5D

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.



4E654E



5D5D7A



6D5D43

Square

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



5D5D7A



7D5555



5E6245



34676A

Rectangle

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



5D5D7A



775668



5E6245



436756

Sweetspot

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



5D5D7A



93939E



5D7A7A



49494F



CFCFCF



4F4F4F

Same Dimension

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



5D5D7A



70709E



6C5D7A



37373D



00007D



0000FC

Inverse Universe

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



7A5D7A



9E709E



6C7A5D



3D373D



7D007D



FC00FC

Previews

White Background



This preview shows how the Hex color 5D5D7A 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

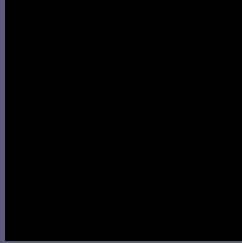
Any Text WCAG AA × Fail

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 5D5D7A Background



This preview shows how black text looks on a background with the Hex color 5D5D7A.



This preview shows how white text looks on a background with the Hex color 5D5D7A.

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
5D5D7A

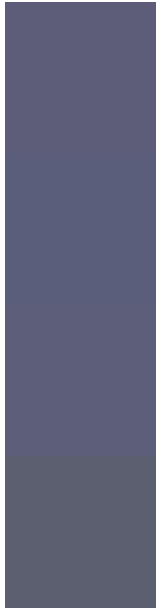
Protanopia
585E7B

Deuteranopia
5B5E7A



Tritanopia
5A6068

Trichromacy



Original Color
5D5D7A

Protanomaly
5A5E7B

Deuteranomaly
5C5E7A

Tritanomaly
5B5F6F

Monochromacy



Original Color
5D5D7A

Achromatopsia
606060

Achromatomaly
5F5F69

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D5D7A 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 #5D5D7A looks like.

```
.text, #text, p{  
    color:#5D5D7A  
}
```

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 #5D5D7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D5D7A
}
```

Border

The CSS property to change the border of an element to Hex 5D5D7A 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
#5D5D7A }
```

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

```
.border{ border-color:#5D5D7A }
```

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

Here you see how a box with a 4 pixel #5D5D7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D5D7A; -webkit-box-shadow:4px 4px  
4px 4px #5D5D7A; box-shadow:4px 4px 4px  
4px #5D5D7A }
```

Background

The CSS property to change the background color of an element to Hex 5D5D7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D5D7A }
```

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

```
.background{ background-color:#5D5D7A }
```

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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