

Converting Colors

Hex(5D5D81)

Have a look what the booklet for
Hex(5D5D81) contains.

Hex(5D5D81)	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(5D5D81)

Conversions

Conversions Part 1

Format	Color
Hex	5D5D81
RGB	93, 93, 129
RGB Percent	36%, 36%, 51%
CMY	0.6353, 0.6353, 0.4941
CMYK	0.28, 0.28, 0.00, 0.49
HSL	240°, 16%, 44%
HSV	240°, 28%, 51%
XYZ	12.3910, 11.7408, 22.3820
YIQ	97.1040, -11.5560, 11.1960

Conversions

Conversions Part 2

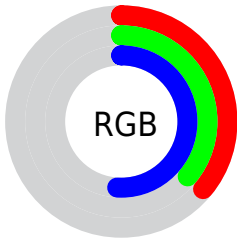
Format	Color
R _Y B	93, 93, 129
Decimal	6118785
CIE Lab	40.80, 8.70, -20.10
CIE LCh	41, 21.902, 293.392
Yxy	11.7408, 0.2664, 0.2524
Android (android.graphics.Color)	4284308865 (0xFF5D5D81)
YUV	97.1040, 15.7247, -3.5992
Hunter-Lab	34.2649, 4.5862, -14.7431

Details

The Hex color **5D5D81** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **81815D**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **908FB6**, and **2D2F50** is the 20% darker color. If you saturate the color by 10%, you get **505081**, and if you desaturate by 10%, it is **6A6A81**.

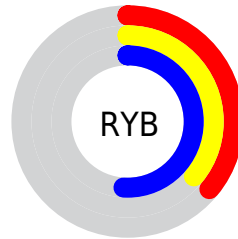
Distribution



Red (36%)

Green (36%)

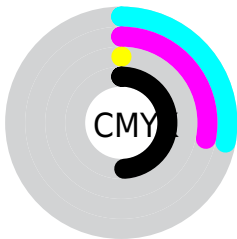
Blue (51%)



Red (36%)

Yellow (36%)

Blue (51%)

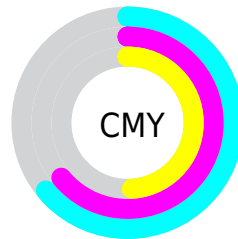


Cyan (28%)

Magenta (28%)

Yellow (0%)

Black (49%)



Cyan (64%)

Magenta (64%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D5D81 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 5D5D81 by changing the saturation by 10% instead.

■ 5D5D81

■ 5D5D81

FFFFFF

■ 454568

■ 908FB6

■ 2D2F50

■ ABAAD2

■ 171B39

■ C6C5EE

■ 010023

■ E3E1FF

■ 00000A

■ FFFDFD

■ 000000

■ 5D5D81

■ 5D5D81

■ 505081

■ 6A6A81

■ 434381

■ 777781

■ 363681

■ 848481

■ 292981

■ 919181

■ 1D1D81

■ 9D9D81

■ 101081

■ AAAA81

■ 030381

■ B7B781

■ 000081

■ C4C481

■ D1D181

Harmonies

Analogous

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



426383



5D5D81



735776

Triad

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



5D5D81



7E5844



346A5B

Complementary

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



5D5D81



81815D

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.



49684A



5D5D81



705E3D

Square

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



5D5D81



845353



5E633F



236A6E

Rectangle

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



5D5D81



7D546B



5E633F



3B6955

Sweetspot

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



5D5D81



9B9BA8



5D8181



4C4C54



D4D4D4



545454

Same Dimension

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



5D5D81



7171A8



6F5D81



393940



000080



000000

Inverse Universe

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



815D81



A871A8



6F815D



403940



800080



000000

Previews

White Background



This preview shows how the Hex color 5D5D81 looks on a white background.

Color Contrast Check

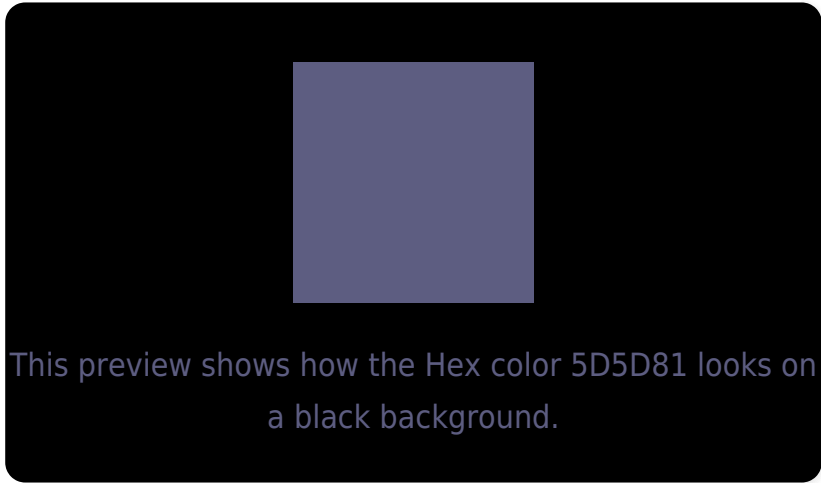
Large Text (above 18pt) WCAG AA ✓ Pass

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

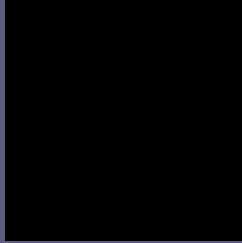
Any Text WCAG AA × Fail

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 5D5D81 Background



This preview shows how black text looks on a background with the Hex color 5D5D81.



This preview shows how white text looks on a background with the Hex color 5D5D81.

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
5D5D81

Protanopia
565F82

Deuteranopia
575F81



Tritanopia
586169

Trichromacy



Original Color
5D5D81

Protanomaly
595E82

Deuteranomaly
595E81

Tritanomaly
5A6072

Monochromacy



Original Color
5D5D81

Achromatopsia
616161

Achromatomaly
60606D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D5D81 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 #5D5D81 looks like.

```
.text, #text, p{  
    color:#5D5D81  
}
```

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 #5D5D81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D5D81
}
```

Border

The CSS property to change the border of an element to Hex 5D5D81 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
#5D5D81 }
```

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

```
.border{ border-color:#5D5D81 }
```

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

Here you see how a box with a 4 pixel #5D5D81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D5D81; -webkit-box-shadow:4px 4px  
4px 4px #5D5D81; box-shadow:4px 4px 4px  
4px #5D5D81 }
```

Background

The CSS property to change the background color of an element to Hex 5D5D81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D5D81 }
```

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

```
.background{ background-color:#5D5D81 }
```

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