

# Converting Colors

Hex(5C5981)

Have a look what the booklet for  
Hex(5C5981) contains.

<b>Hex(5C5981)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(5C5981)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5C5981
RGB	92, 89, 129
RGB Percent	36%, 35%, 51%
CMY	0.6392, 0.6510, 0.4941
CMYK	0.29, 0.31, 0.00, 0.49
HSL	244°, 18%, 43%
HSV	244°, 31%, 51%
XYZ	11.9485, 11.0050, 22.2633
YIQ	94.4570, -11.0520, 13.0760

# Conversions

## Conversions Part 2

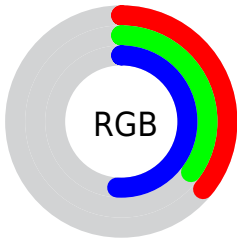
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 89, 129
Decimal	6052225
CIELab	39.59, 10.87, -21.98
CIElCh	40, 24.521, 296.302
Yxy	11.0050, 0.2642, 0.2434
Android (android.graphics.Color)	4284242305 (0xFF5C5981)
YUV	94.4570, 17.0297, -2.1548
Hunter-Lab	33.1739, 6.2373, -16.5684

# Details

The Hex color **5C5981** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7E8159**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **8F8BB6**, and **2C2C50** is the 20% darker color. If you saturate the color by 10%, you get **504C81**, and if you desaturate by 10%, it is **686681**.

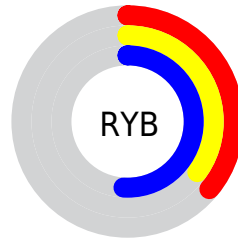
# Distribution



Red (36%)

Green (35%)

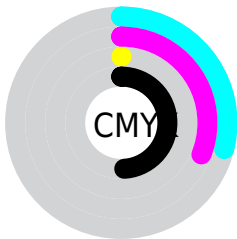
Blue (51%)



Red (36%)

Yellow (35%)

Blue (51%)

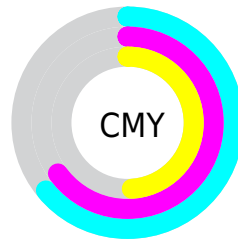


Cyan (29%)

Magenta (31%)

Yellow (0%)

Black (49%)



Cyan (64%)

Magenta (65%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C5981 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 5C5981 by changing the saturation by 10% instead.



■ 5C5981

■ 5C5981

FFFFFF

■ 444268

■ 8F8BB6

■ 2C2C50

■ AAA5D2

■ 151738

■ C5C0EE

■ 000023

■ E2DCFF

■ 00000A

■ FEF9FF

■ 000000

■ 5C5981

■ 5C5981

■ 504C81

■ 686681

■ 443F81

■ 747381

■ 383281

■ 808081

■ 2C2581

■ 8C8D81

■ 201881

■ 989A81

■ 140C81

■ A4A681

■ 0A0081

■ B0B381

■ BBC081

■ C7CD81

# Harmonies

## Analogous

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



3C6085



5C5981



745274

# Triad

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



5C5981



7C543D



26685A

# Complementary

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



5C5981



7E8159

# 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.



416646



5C5981



6D5B35

# Square

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



5C5981



844F4D



586139



08686E

# Rectangle

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



5C5981



7E4F67



586139



2F6753



# Sweetspot

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



5C5981



9A99A8



597E81



4C4B54



D4D4D4



545454



# Same Dimension

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



5C5981



6F6AA8



705981



3A3940



0A0080



000000



# Inverse Universe

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



81597E



A86AA4



6A8159



40393F



800076



000000



# Previews

## White Background



This preview shows how the Hex color 5C5981 looks on a white background.

## Color Contrast Check

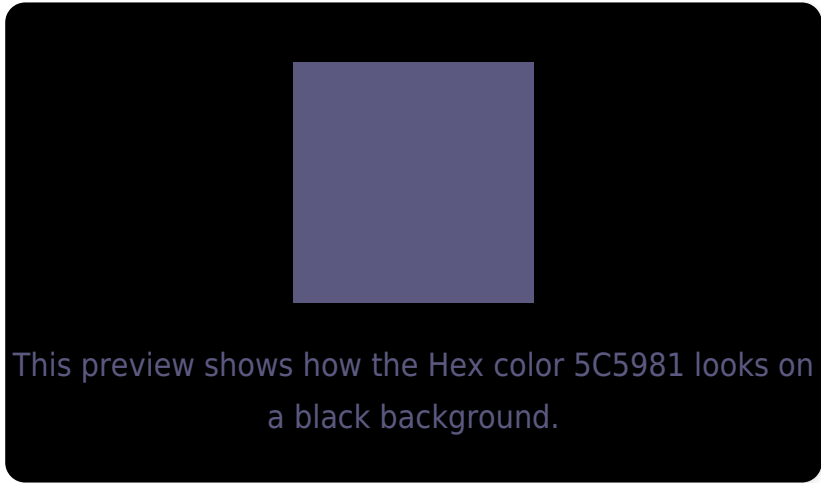
Large Text (above 18pt) WCAG AA ✓ Pass

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

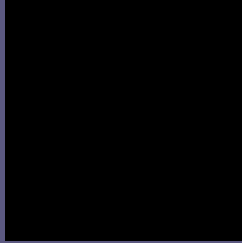
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5C5981 Background



This preview shows how black text looks on a background with the Hex color 5C5981.



This preview shows how white text looks on a background with the Hex color 5C5981.

# 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](#).

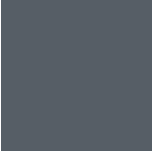
## Dichromacy



**Original Color**  
5C5981

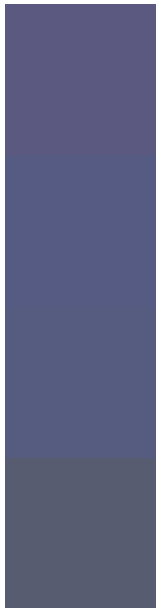
**Protanopia**  
515C83

**Deuteranopia**  
525C80



**Tritanopia**  
565E66

# Trichromacy



**Original Color**  
5C5981

**Protanomaly**  
555B82

**Deuteranomaly**  
565B80

**Tritanomaly**  
585C70

# Monochromacy



**Original Color**  
5C5981

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
5D5C6B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C5981 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 #5C5981 looks like.

```
.text, #text, p{  
    color:#5C5981  
}
```

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 #5C5981 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C5981
}
```

## Border

The CSS property to change the border of an element to Hex 5C5981 is called "border". The border property can be set on classes, ids or directly on the HTML element.

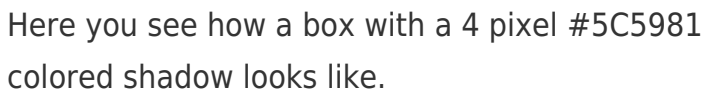
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5C5981 }
```

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

```
.border{ border-color:#5C5981 }
```

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



Here you see how a box with a 4 pixel #5C5981 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C5981; -webkit-box-shadow:4px 4px  
4px 4px #5C5981; box-shadow:4px 4px 4px  
4px #5C5981 }
```

# Background

The CSS property to change the background color of an element to Hex 5C5981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C5981 }
```

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

```
.background{ background-color:#5C5981 }
```

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