

Converting Colors

Hex(5C5883)

Have a look what the booklet for
Hex(5C5883) contains.

Hex(5C5883)	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(5C5883)

Conversions

Conversions Part 1

Format	Color
Hex	5C5883
RGB	92, 88, 131
RGB Percent	36%, 35%, 51%
CMY	0.6392, 0.6549, 0.4863
CMYK	0.30, 0.33, 0.00, 0.49
HSL	246°, 20%, 43%
HSV	246°, 33%, 51%
XYZ	12.0001, 10.8935, 22.9429
YIQ	94.0980, -11.4190, 14.2210

Conversions

Conversions Part 2

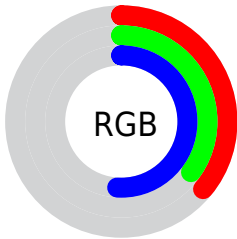
Format	Color
RYB	92, 88, 131
Decimal	6051971
CIELab	39.40, 12.04, -23.49
CIElCh	39, 26.399, 297.130
Yxy	10.8935, 0.2618, 0.2377
Android (android.graphics.Color)	4284242051 (0xFF5C5883)
YUV	94.0980, 18.1927, -1.8399
Hunter-Lab	33.0052, 7.1401, -18.1106

Details

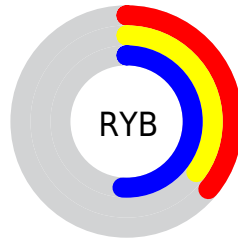
The Hex color **5C5883** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7F8358**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **8F8AB8**, and **2C2B51** is the 20% darker color. If you saturate the color by 10%, you get **504B83**, and if you desaturate by 10%, it is **686583**.

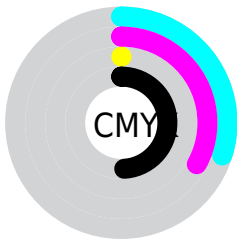
Distribution



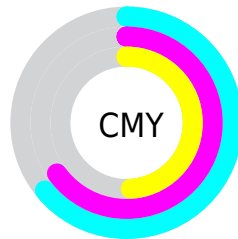
- Red (36%)
- Green (35%)
- Blue (51%)



- Red (36%)
- Yellow (35%)
- Blue (51%)



- Cyan (30%)
- Magenta (33%)
- Yellow (0%)
- Black (49%)



- Cyan (64%)
- Magenta (65%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C5883 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 5C5883 by changing the saturation by 10% instead.

■ 5C5883

■ 5C5883

FFFFFF

■ 44416A

■ 8F8AB8

■ 2C2B51

■ AAA4D4

■ 15163A

■ C6BFF0

■ 000025

■ E2DBFF

■ 00000D

■ FFF8FF

■ 000000

■ 5C5883

■ 5C5883

■ 504B83

■ 686583

■ 443E83

■ 747283

■ 383183

■ 807F83

■ 2C2483

■ 8C8C83

■ 211683

■ 979A83

■ 150983

■ A3A783

■ 0C0083

■ AFB483

■ BBC183

■ C7CE83

Harmonies

Analogous

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



386087



5C5883



765074

Triad

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



5C5883



7D5339



1D685A

Complementary

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



5C5883



7F8358

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.



3D6645



5C5883



6C5B31

Square

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



5C5883



864D4A



576136



006870

Rectangle

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



5C5883



814D67



576136



296853

Sweetspot

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



5C5883



9B9AAB



587F83



4D4C57



D6D6D6



575757

Same Dimension

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



5C5883



6E68AB



715883



3C3C42



0C0082



000003

Inverse Universe

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



83587F



AB68A5



6A8358



423C42



820076



030002

Previews

White Background



This preview shows how the Hex color 5C5883 looks on a white background.

Color Contrast Check

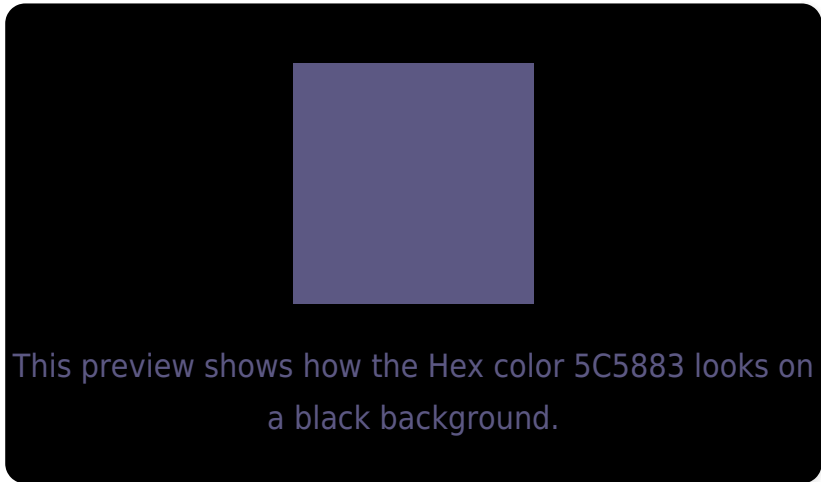
Large Text (above 18pt) WCAG AA ✓ Pass

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

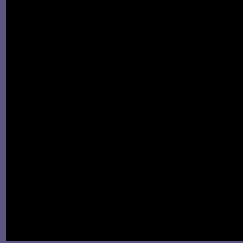
Any Text WCAG AA × Fail

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 5C5883 Background



This preview shows how black text looks on a background with the Hex color 5C5883.



This preview shows how white text looks on a background with the Hex color 5C5883.

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](#).

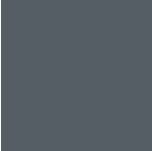
Dichromacy



Original Color
5C5883

Protanopia
4F5B86

Deuteranopia
505C82



Tritanopia
565E65

Trichromacy



Original Color
5C5883

Protanomaly
545A85

Deuteranomaly
545B82

Tritanomaly
585C70

Monochromacy



Original Color
5C5883

Achromatopsia
5E5E5E

Achromatomaly
5D5C6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C5883 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 #5C5883 looks like.

```
.text, #text, p{  
    color:#5C5883  
}
```

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 #5C5883 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C5883
}
```

Border

The CSS property to change the border of an element to Hex 5C5883 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
#5C5883 }
```

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

```
.border{ border-color:#5C5883 }
```

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

Here you see how a box with a 4 pixel #5C5883 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C5883; -webkit-box-shadow:4px 4px  
4px 4px #5C5883; box-shadow:4px 4px 4px  
4px #5C5883 }
```

Background

The CSS property to change the background color of an element to Hex 5C5883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C5883 }
```

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

```
.background{ background-color:#5C5883 }
```

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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