

Converting Colors

Hex(5C5C87)

Have a look what the booklet for
Hex(5C5C87) contains.

Hex(5C5C87)	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(5C5C87)

Conversions

Conversions Part 1

Format	Color
Hex	5C5C87
RGB	92, 92, 135
RGB Percent	36%, 36%, 53%
CMY	0.6392, 0.6392, 0.4706
CMYK	0.32, 0.32, 0.00, 0.47
HSL	240°, 19%, 45%
HSV	240°, 32%, 53%
XYZ	12.6140, 11.6789, 24.5111
YIQ	96.9020, -13.8030, 13.3730

Conversions

Conversions Part 2

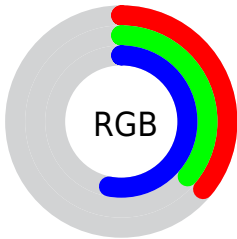
Format	Color
RYB	92, 92, 135
Decimal	6052999
CIELab	40.70, 10.64, -23.90
CIElCh	41, 26.164, 293.991
Yxy	11.6789, 0.2585, 0.2393
Android (android.graphics.Color)	4284243079 (0xFF5C5C87)
YUV	96.9020, 18.7823, -4.2991
Hunter-Lab	34.1744, 6.0802, -18.6029

Details

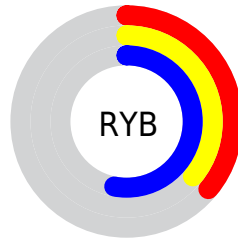
The Hex color **5C5C87** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **87875C**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **8F8EBC**, and **2C2E55** is the 20% darker color. If you saturate the color by 10%, you get **4F4F87**, and if you desaturate by 10%, it is **6A6A87**.

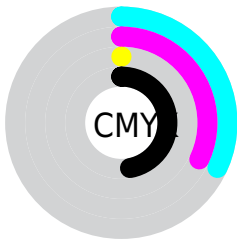
Distribution



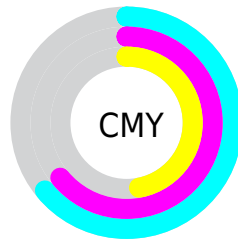
- Red (36%)
- Green (36%)
- Blue (53%)



- Red (36%)
- Yellow (36%)
- Blue (53%)



- Cyan (32%)
- Magenta (32%)
- Yellow (0%)
- Black (47%)



- Cyan (64%)
- Magenta (64%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C5C87 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 5C5C87 by changing the saturation by 10% instead.

■ 5C5C87

FFFFFF

■ 8F8EBC

■ AAA9D8

■ C6C4F5

■ E2E0FF

■ FFFCFE

■ 5C5C87

■ 44456E

■ 2C2E55

■ 141A3E

■ 000028

■ 000111

■ 000000

■ 5C5C87

■ 4F4F87

■ 414187

■ 5C5C87

■ 6A6A87

■ 777787

■ 333387

■ 848487

■ 262687

■ 929287

■ 191987

■ A0A087

■ 0B0B87

■ ADAD87

■ 000087

■ BBBB87

■ C8C887

■ D6D687

Harmonies

Analogous

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



38638A



5C5C87



775479

Triad

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



5C5C87



82563E



256B5B

Complementary

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



5C5C87



87875C

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.



436946



5C5C87



725D35

Square

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



5C5C87



895050



5C6438



006B71

Rectangle

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



5C5C87



82516C



5C6438



306B53

Sweetspot

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



5C5C87



9E9EB0



5C8787



4F4F59



D9D9D9



595959

Same Dimension

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



5C5C87



6D6DB0



725C87



3C3C42



000082



000003

Inverse Universe

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



875C87



B06DB0



72875C



423C42



820082



030003

Previews

White Background



This preview shows how the Hex color 5C5C87 looks on a white background.

Color Contrast Check

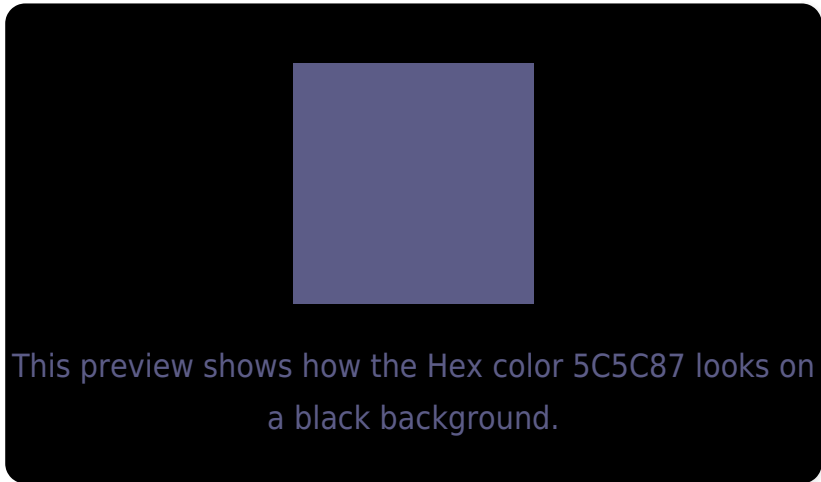
Large Text (above 18pt) WCAG AA ✓ Pass

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

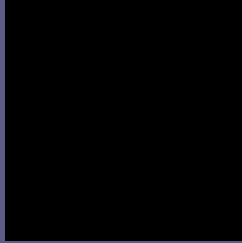
Any Text WCAG AA × Fail

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 5C5C87 Background



This preview shows how black text looks on a background with the Hex color 5C5C87.

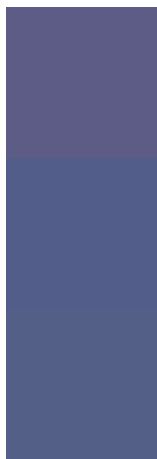


This preview shows how white text looks on a background with the Hex color 5C5C87.

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](#).

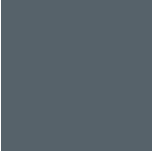
Dichromacy



Original Color
5C5C87

Protanopia
525E89

Deuteranopia
535F86



Tritanopia
56626A

Trichromacy



Original Color
5C5C87

Protanomaly
565D88

Deuteranomaly
565E86

Tritanomaly
586075

Monochromacy



Original Color
5C5C87

Achromatopsia
616161

Achromatomaly
5F5F6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C5C87 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 #5C5C87 looks like.

```
.text, #text, p{  
    color:#5C5C87  
}
```

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 #5C5C87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C5C87
}
```

Border

The CSS property to change the border of an element to Hex 5C5C87 is called "border". The border property can be set on classes, ids or directly on the HTML element.

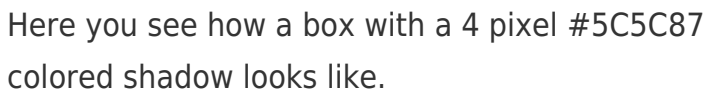
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5C5C87 }
```

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

```
.border{ border-color:#5C5C87 }
```

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



Here you see how a box with a 4 pixel #5C5C87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C5C87; -webkit-box-shadow:4px 4px  
4px 4px #5C5C87; box-shadow:4px 4px 4px  
4px #5C5C87 }
```

Background

The CSS property to change the background color of an element to Hex 5C5C87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C5C87 }
```

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

```
.background{ background-color:#5C5C87 }
```

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