

Converting Colors

Hex(5C5894)

Have a look what the booklet for
Hex(5C5894) contains.

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Color

Hex(5C5894)

Conversions

Conversions Part 1

Format	Color
Hex	5C5894
RGB	92, 88, 148
RGB Percent	36%, 35%, 58%
CMY	0.6392, 0.6549, 0.4196
CMYK	0.38, 0.41, 0.00, 0.42
HSL	244°, 25%, 46%
HSV	244°, 41%, 58%
XYZ	13.2487, 11.3929, 29.5177
YIQ	96.0360, -16.8760, 19.5080

Conversions

Conversions Part 2

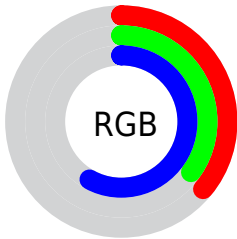
Format	Color
R_{YB}	92, 88, 148
Decimal	6051988
CIE _{Lab}	40.23, 16.86, -32.48
CIE _{LCh}	40, 36.598, 297.426
Yxy	11.3929, 0.2446, 0.2104
Android (android.graphics.Color)	4284242068 (0xFF5C5894)
YUV	96.0360, 25.6183, -3.5396
Hunter-Lab	33.7533, 10.9954, -28.2226

Details

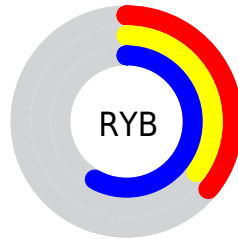
The Hex color **5C5894** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **909458**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **908ACA**, and **2A2B61** is the 20% darker color. If you saturate the color by 10%, you get **4E4994**, and if you desaturate by 10%, it is **6A6794**.

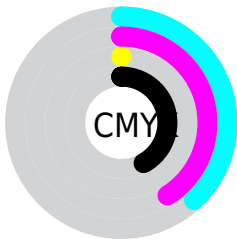
Distribution



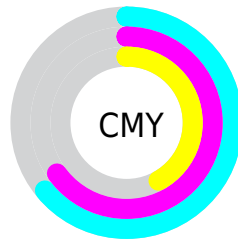
- Red (36%)
- Green (35%)
- Blue (58%)



- Red (36%)
- Yellow (35%)
- Blue (58%)



- Cyan (38%)
- Magenta (41%)
- Yellow (0%)
- Black (42%)



- Cyan (64%)
- Magenta (65%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C5894 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 5C5894 by changing the saturation by 10% instead.

■ 5C5894

■ 5C5894

FFFFFF

■ 43417A

■ 908ACA

■ 2A2B61

■ ACA4E7

■ 0E1649

■ C7BFFF

■ 000032

■ E4DBFF

■ 00021C

■ FFF8FF

■ 000000

■ 5C5894

■ 5C5894

■ 4E4994

■ 6A6794

■ 403A94

■ 787694

■ 332C94

■ 858494

■ 251D94

■ 939394

■ 170E94

■ A1A294

■ 0A0094

■ AFB194

■ BDC094

■ CBCE94

■ D8DD94

Harmonies

Analogous

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



14639A



5C5894



814C7F

Triad

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



5C5894



89512D



006D5B

Complementary

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



5C5894



909458

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.



2E6B3D



5C5894



725C20

Square

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



5C5894



954745



546527



006D79

Rectangle

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



5C5894



8F466D



546527



006D51

Sweetspot

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



5C5894



AAA8BF



589094



545361



E0E0E0



616161

Same Dimension

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



5C5894



6862BF



7A5894



43434A



09008A



01000A

Inverse Universe

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



945890



BF62B9



729458



4A4349



8A0081



0A000A

Previews

White Background



This preview shows how the Hex color 5C5894 looks on a white background.

Color Contrast Check

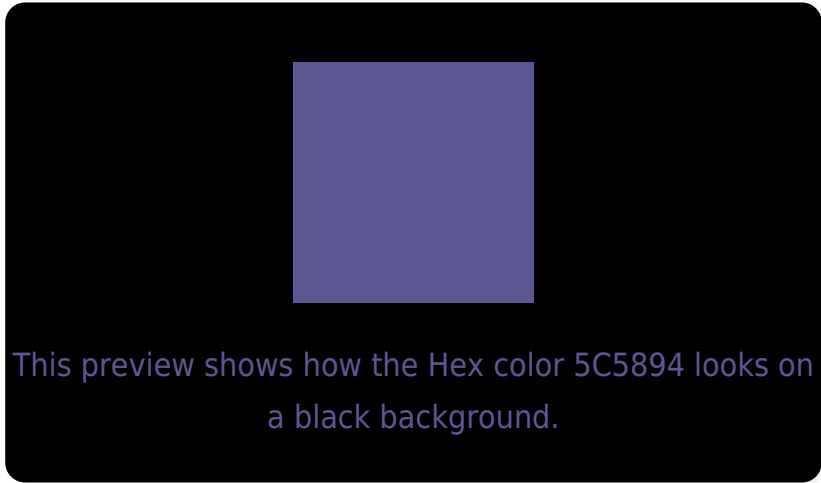
Large Text (above 18pt) WCAG AA ✓ Pass

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

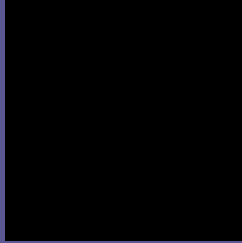
Any Text WCAG AA × Fail

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 5C5894 Background



This preview shows how black text looks on a background with the Hex color 5C5894.



This preview shows how white text looks on a background with the Hex color 5C5894.

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
5C5894

Protanopia
485D98

Deuteranopia
445F93



Tritanopia
526169

Trichromacy



Original Color
5C5894

Protanomaly
4F5B97

Deuteranomaly
4D5C93

Tritanomaly
565E79

Monochromacy



Original Color
5C5894

Achromatopsia
606060

Achromatomaly
5F5D73

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C5894 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 #5C5894 looks like.

```
.text, #text, p{  
    color:#5C5894  
}
```

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 #5C5894 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C5894
}
```

Border

The CSS property to change the border of an element to Hex 5C5894 is called "border". The border property can be set on classes, ids or directly on the HTML element.

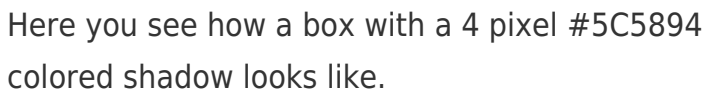
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5C5894 }
```

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

```
.border{ border-color:#5C5894 }
```

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



Here you see how a box with a 4 pixel #5C5894 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C5894; -webkit-box-shadow:4px 4px  
4px 4px #5C5894; box-shadow:4px 4px 4px  
4px #5C5894 }
```

Background

The CSS property to change the background color of an element to Hex 5C5894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C5894 }
```

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

```
.background{ background-color:#5C5894 }
```

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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