

Converting Colors

Hex(5C638D)

Have a look what the booklet for
Hex(5C638D) contains.

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Color

Hex(5C638D)

Conversions

Conversions Part 1

Format	Color
Hex	5C638D
RGB	92, 99, 141
RGB Percent	36%, 39%, 55%
CMY	0.6392, 0.6118, 0.4471
CMYK	0.35, 0.30, 0.00, 0.45
HSL	231°, 21%, 46%
HSV	231°, 35%, 55%
XYZ	13.6832, 13.1221, 27.0109
YIQ	101.6950, -17.6540, 11.5780

Conversions

Conversions Part 2

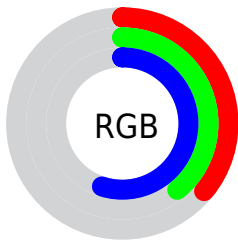
Format	Color
R_{YB}	92, 98, 141
Decimal	6054797
CIE _{Lab}	42.95, 7.97, -24.04
CIE _{LCh}	43, 25.323, 288.347
Yxy	13.1221, 0.2543, 0.2438
Android (android.graphics.Color)	4284244877 (0xFF5C638D)
YUV	101.6950, 19.3774, -8.5025
Hunter-Lab	36.2244, 4.0328, -18.8528

Details

The Hex color **5C638D** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8D865C**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **9096C3**, and **2B355B** is the 20% darker color. If you saturate the color by 10%, you get **4E578D**, and if you desaturate by 10%, it is **6A6F8D**.

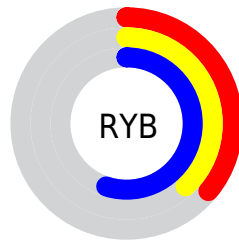
Distribution



Red (36%)

Green (39%)

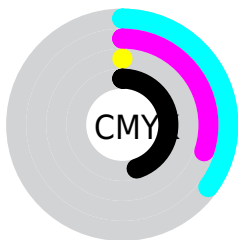
Blue (55%)



Red (36%)

Yellow (38%)

Blue (55%)

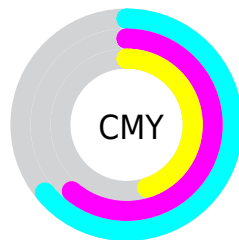


Cyan (35%)

Magenta (30%)

Yellow (0%)

Black (45%)



Cyan (64%)

Magenta (61%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C638D 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 5C638D by changing the saturation by 10% instead.



5C638D



5C638D

FFFFFF



434B73



9096C3



2B355B



ABB0DF



132043



C6CCFB



00072D



E3E8FF



000117



000000



5C638D



5C638D



4E578D



6A6F8D



404B8D



787B8D

■ 323F8D

■ 86878D

■ 24338D

■ 94938D

■ 15278D

■ A39F8D

■ 071A8D

■ B1AC8D

■ 00148D

■ BFB88D

■ CDC48D

■ DBD08D

Harmonies

Analogous

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



396A8E



5C638D



785B81

Triad

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



5C638D



895A47



34705C

Complementary

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



5C638D



8D865C

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.



4F6D49



5C638D



7B613C

Square

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



5C638D



8F5659



66683D



187172

Rectangle

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



5C638D



855775



66683D



3D6F55

Sweetspot

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



5C638D



A5A8B8



5C8D86



51525C



DBDBDB



5C5C5C

Same Dimension

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



5C638D



6A76B8



6D5C8D



404147



001387



000108

Inverse Universe

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



8D5C63



B86A76



7C8D5C



474041



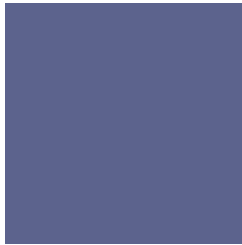
870013



080001

Previews

White Background



This preview shows how the Hex color 5C638D looks on a white background.

Color Contrast Check

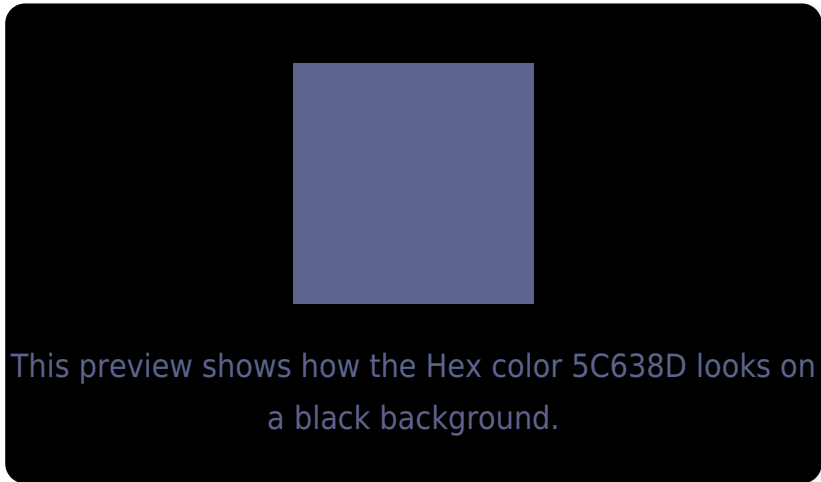
Large Text (above 18pt) WCAG AA ✓ Pass

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

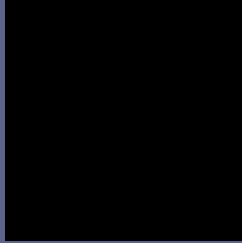
Any Text WCAG AA × Fail

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 5C638D Background



This preview shows how black text looks on a background with the Hex color 5C638D.



This preview shows how white text looks on a background with the Hex color 5C638D.

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

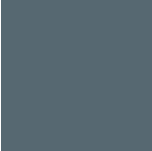
5C638D

Protanopia

59648E

Deuteranopia

58648D



Tritanopia
566871

Trichromacy



Original Color
5C638D

Protanomaly
5A648E

Deuteranomaly
59648D

Tritanomaly
58667B

Monochromacy



Original Color
5C638D

Achromatopsia
666666

Achromatomaly
626574

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C638D 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 #5C638D looks like.

```
.text, #text, p{  
    color:#5C638D  
}
```

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 #5C638D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C638D
}
```

Border

The CSS property to change the border of an element to Hex 5C638D 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
#5C638D }
```

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

```
.border{ border-color:#5C638D }
```

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

Here you see how a box with a 4 pixel #5C638D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C638D; -webkit-box-shadow:4px 4px  
4px 4px #5C638D; box-shadow:4px 4px 4px  
4px #5C638D }
```

Background

The CSS property to change the background color of an element to Hex 5C638D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C638D }
```

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

```
.background{ background-color:#5C638D }
```

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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