

Converting Colors

Hex(5B578C)

Have a look what the booklet for
Hex(5B578C) contains.

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Color

Hex(5B578C)

Conversions

Conversions Part 1

Format	Color
Hex	5B578C
RGB	91, 87, 140
RGB Percent	36%, 34%, 55%
CMY	0.6431, 0.6588, 0.4510
CMYK	0.35, 0.38, 0.00, 0.45
HSL	245°, 23%, 45%
HSV	245°, 38%, 55%
XYZ	12.4562, 10.9340, 26.2649
YIQ	94.2380, -14.6290, 17.3310

Conversions

Conversions Part 2

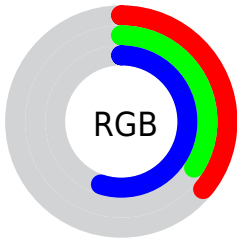
Format	Color
R_{YB}	91, 87, 140
Decimal	5986188
CIE _{Lab}	39.47, 14.88, -28.86
CIE _{LCh}	39, 32.474, 297.274
Yxy	10.9340, 0.2509, 0.2202
Android (android.graphics.Color)	4284176268 (0xFF5B578C)
YUV	94.2380, 22.5607, -2.8397
Hunter-Lab	33.0666, 9.3746, -23.9477

Details

The Hex color **5B578C** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **888C57**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **8F89C2**, and **2A2A5A** is the 20% darker color. If you saturate the color by 10%, you get **4E498C**, and if you desaturate by 10%, it is **68658C**.

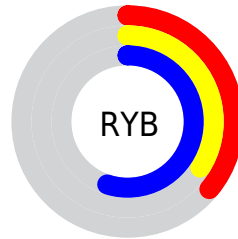
Distribution



Red (36%)

Green (34%)

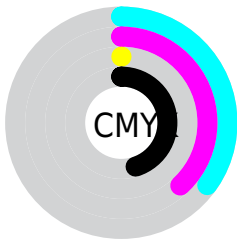
Blue (55%)



Red (36%)

Yellow (34%)

Blue (55%)

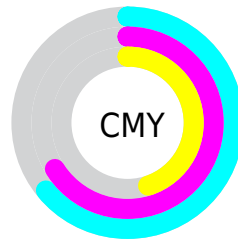


Cyan (35%)

Magenta (38%)

Yellow (0%)

Black (45%)



Cyan (64%)

Magenta (66%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B578C 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 5B578C by changing the saturation by 10% instead.

■ 5B578C

■ 5B578C

FFFFFF

■ 424072

■ 8F89C2

■ 2A2A5A

■ AAA3DE

■ 101642

■ C6BEFB

■ 00002C

■ E2DAFF

■ 000116

■ FFF6FF

■ 000000

■ 5B578C

■ 5B578C

■ 4E498C

■ 68658C

■ 413B8C

■ 75738C

■ 342D8C

■ 82818C

■ 271F8C

■ 8F8F8C

■ 1A118C

■ 9C9D8C

■ 0D038C

■ A9AB8C

■ 0B008C

■ B6B98C

■ C3C78C

■ CFD58C

Harmonies

Analogous

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



266092



5B578C



7B4D7A

Triad

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



5B578C



835131



006A5A

Complementary

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



5B578C



888C57

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.



33683F



5B578C



6F5B27

Square

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



5B578C



8E4946



54632C



006A74

Rectangle

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



5B578C



884869



54632C



0F6A50

Sweetspot

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



5B578C



A3A1B5



57888C



51505C



DBDBDB



5C5C5C

Same Dimension

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



5B578C



6A64B5



75578C



3E3E45



0A0085



000005

Inverse Universe

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



8C5788



B564AF



6E8C57



453E44



85007B



050005

Previews

White Background



This preview shows how the Hex color 5B578C looks on a white background.

Color Contrast Check

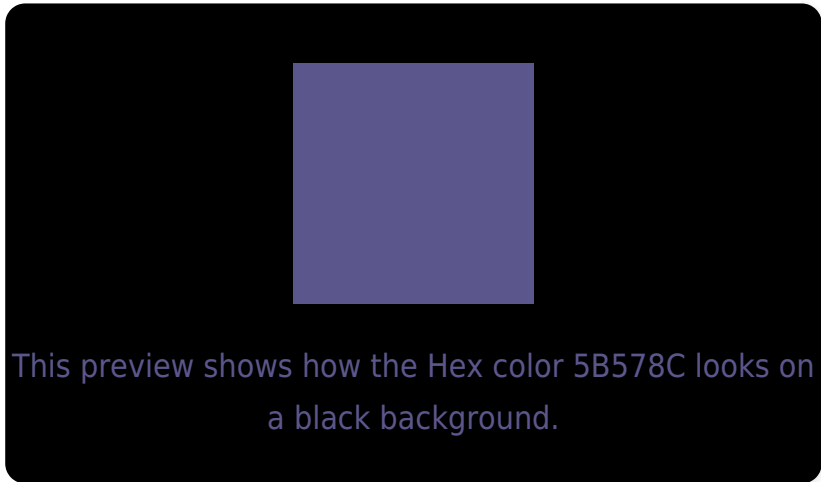
Large Text (above 18pt) WCAG AA ✓ Pass

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

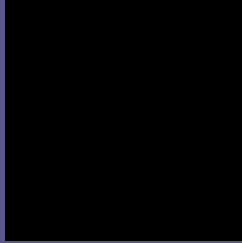
Any Text WCAG AA × Fail

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 5B578C Background



This preview shows how black text looks on a background with the Hex color 5B578C.



This preview shows how white text looks on a background with the Hex color 5B578C.

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
5B578C

Protanopia
4A5B90

Deuteranopia
485C8B



Tritanopia
535F66

Trichromacy



Original Color
5B578C

Protanomaly
505A8F

Deuteranomaly
4F5A8B

Tritanomaly
565C74

Monochromacy



Original Color
5B578C

Achromatopsia
5E5E5E

Achromatomaly
5D5B6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B578C 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 #5B578C looks like.

```
.text, #text, p{  
    color:#5B578C  
}
```

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 #5B578C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B578C
}
```

Border

The CSS property to change the border of an element to Hex 5B578C is called "border". The border property can be set on classes, ids or directly on the HTML element.

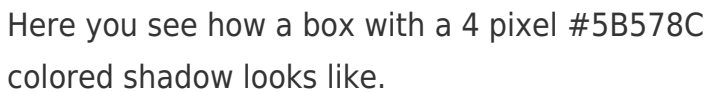
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B578C }
```

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

```
.border{ border-color:#5B578C }
```

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



Here you see how a box with a 4 pixel #5B578C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B578C; -webkit-box-shadow:4px 4px  
4px 4px #5B578C; box-shadow:4px 4px 4px  
4px #5B578C }
```

Background

The CSS property to change the background color of an element to Hex 5B578C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B578C }
```

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

```
.background{ background-color:#5B578C }
```

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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