

Converting Colors

Hex(5D678B)

Have a look what the booklet for
Hex(5D678B) contains.

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Color

Hex(5D678B)

Conversions

Conversions Part 1

Format	Color
Hex	5D678B
RGB	93, 103, 139
RGB Percent	36%, 40%, 55%
CMY	0.6353, 0.5961, 0.4549
CMYK	0.33, 0.26, 0.00, 0.45
HSL	227°, 20%, 45%
HSV	227°, 33%, 55%
XYZ	14.0246, 13.8917, 26.3683
YIQ	104.1140, -17.5160, 9.0760

Conversions

Conversions Part 2

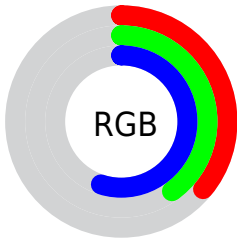
Format	Color
R _Y B	93, 101, 139
Decimal	6121355
CIE Lab	44.08, 5.26, -21.08
CIE LCh	44, 21.728, 284.008
Yxy	13.8917, 0.2584, 0.2559
Android (android.graphics.Color)	4284311435 (0xFF5D678B)
YUV	104.1140, 17.1988, -9.7470
Hunter-Lab	37.2716, 1.9411, -15.8554

Details

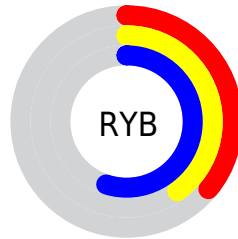
The Hex color **5D678B** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8B815D**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **919AC1**, and **2D3859** is the 20% darker color. If you saturate the color by 10%, you get **4F5C8B**, and if you desaturate by 10%, it is **6B728B**.

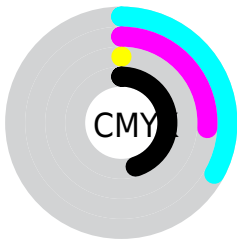
Distribution



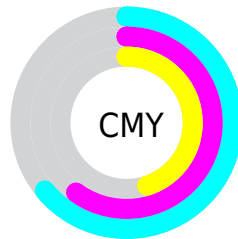
- Red (36%)
- Green (40%)
- Blue (55%)



- Red (36%)
- Yellow (40%)
- Blue (55%)



- Cyan (33%)
- Magenta (26%)
- Yellow (0%)
- Black (45%)



- Cyan (64%)
- Magenta (60%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D678B 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 5D678B by changing the saturation by 10% instead.

■ 5D678B

■ 5D678B

FFFFFF

■ 444F71

■ 919AC1

■ 2D3859

■ ABB5DD

■ 152341

■ C7D0F9

■ 000D2B

■ E3ECFF

■ 000116

■ 000000

■ 5D678B

■ 5D678B

■ 4F5C8B

■ 6B728B

■ 41518B

■ 797D8B

■ 33468B

■ 87888B

■ 253B8B

■ 95938B

■ 17318B

■ A39D8B

■ 0A268B

■ B0A88B

■ 001E8B

■ BEB38B

■ CCBE8B

■ DAC98B

Harmonies

Analogous

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



426D8A



5D678B



756182

Triad

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



5D678B



895E50



43715E

Complementary

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



5D678B



8B815D

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.



586F4E



5D678B



7D6446

Square

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



5D678B



8C5B60



6C6A45



317270

Rectangle

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



5D678B



815D78



6C6A45



4A7158

Sweetspot

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



5D678B



A3A7B5



5D8B80



51535C



DBDBDB



5C5C5C

Same Dimension

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



5D678B



6D7CB5



695D8B



3E3F45



001D85



000105

Inverse Universe

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



8B5D67



B56D7C



7F8B5D



453E3F



85001D



050001

Previews

White Background



This preview shows how the Hex color 5D678B looks on a white background.

Color Contrast Check

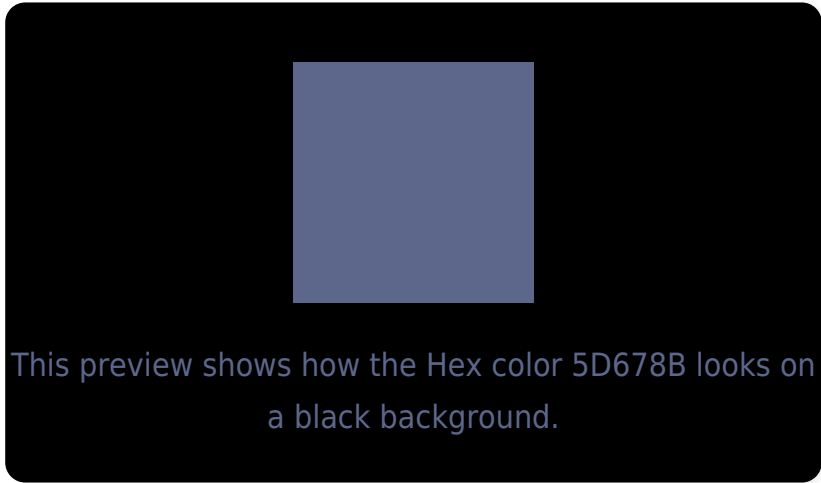
Large Text (above 18pt) WCAG AA ✓ Pass

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

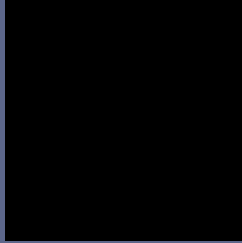
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

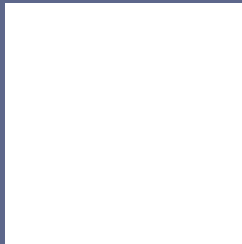
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5D678B Background



This preview shows how black text looks on a background with the Hex color 5D678B.



This preview shows how white text looks on a background with the Hex color 5D678B.

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](#).

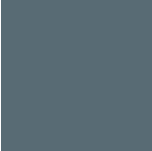
Dichromacy



Original Color
5D678B

Protanopia
5E678B

Deuteranopia
5F678B



Tritanopia
586B74

Trichromacy



Original Color
5D678B

Protanomaly
5E678B

Deuteranomaly
5E678B

Tritanomaly
5A6A7C

Monochromacy



Original Color
5D678B

Achromatopsia
686868

Achromatomaly
646875

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D678B 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 #5D678B looks like.

```
.text, #text, p{  
    color:#5D678B  
}
```

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 #5D678B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D678B
}
```

Border

The CSS property to change the border of an element to Hex 5D678B 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
#5D678B }
```

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

```
.border{ border-color:#5D678B }
```

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

Here you see how a box with a 4 pixel #5D678B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D678B; -webkit-box-shadow:4px 4px  
4px 4px #5D678B; box-shadow:4px 4px 4px  
4px #5D678B }
```

Background

The CSS property to change the background color of an element to Hex 5D678B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D678B }
```

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

```
.background{ background-color:#5D678B }
```

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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