

Converting Colors

Hex(5D668C)

Have a look what the booklet for
Hex(5D668C) contains.

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Color

Hex(5D668C)

Conversions

Conversions Part 1

Format	Color
Hex	5D668C
RGB	93, 102, 140
RGB Percent	36%, 40%, 55%
CMY	0.6353, 0.6000, 0.4510
CMYK	0.34, 0.27, 0.00, 0.45
HSL	229°, 20%, 46%
HSV	229°, 34%, 55%
XYZ	13.9992, 13.7233, 26.7220
YIQ	103.6410, -17.5620, 9.9100

Conversions

Conversions Part 2

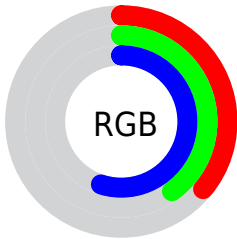
Format	Color
R_{YB}	93, 101, 140
Decimal	6121100
CIE _{Lab}	43.83, 6.15, -22.06
CIE _{LCh}	44, 22.898, 285.580
Yxy	13.7233, 0.2571, 0.2521
Android (android.graphics.Color)	4284311180 (0xFF5D668C)
YUV	103.6410, 17.9250, -9.3322
Hunter-Lab	37.0450, 2.6257, -16.8366

Details

The Hex color **5D668C** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8C835D**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **9199C2**, and **2C375A** is the 20% darker color. If you saturate the color by 10%, you get **4F5B8C**, and if you desaturate by 10%, it is **6B718C**.

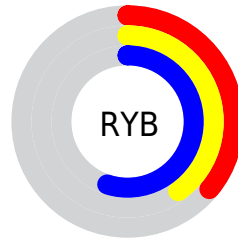
Distribution



Red (36%)

Green (40%)

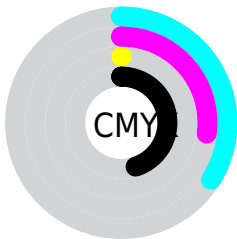
Blue (55%)



Red (36%)

Yellow (40%)

Blue (55%)

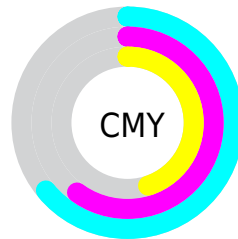


Cyan (34%)

Magenta (27%)

Yellow (0%)

Black (45%)



Cyan (64%)

Magenta (60%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D668C 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 5D668C by changing the saturation by 10% instead.

■ 5D668C

■ 5D668C

FFFFFF

■ 444E72

■ 9199C2

■ 2C375A

■ ACB4DE

■ 142242

■ C7CFFA

■ 000C2C

■ E3EBFF

■ 000117

■ 000000

■ 5D668C

■ 5D668C

■ 4F5B8C

■ 6B718C

■ 414F8C

■ 797D8C

■ 33448C

■ 87888C

■ 25398C

■ 95938C

■ 172D8C

■ A39F8C

■ 09228C

■ B1AA8C

■ 001B8C

■ BFB58C

■ CDC18C

■ DBCC8C

Harmonies

Analogous

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



406C8C



5D668C



765F82

Triad

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



5D668C



895D4D



3F715E

Complementary

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



5D668C



8C835D

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.



556E4C



5D668C



7D6343

Square

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



5D668C



8D595E



6B6A43



2B7271

Rectangle

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



5D668C



835C78



6B6A43



467157

Sweetspot

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



5D668C



A3A6B5



5D8C83



51535C



DBDBDB



5C5C5C

Same Dimension

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



5D668C



6D7AB5



6B5D8C



3E3F45



001985



000105

Inverse Universe

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



8C5D66



B56D7A



7E8C5D



453E3F



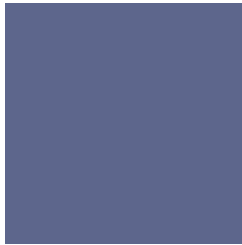
850019



050001

Previews

White Background



This preview shows how the Hex color 5D668C looks on a white background.

Color Contrast Check

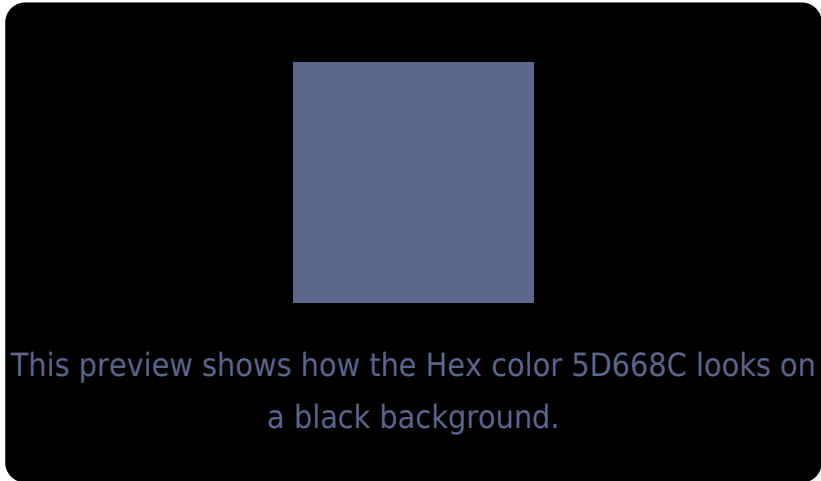
Large Text (above 18pt) WCAG AA ✓ Pass

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

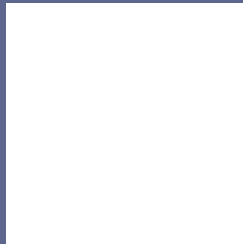
Any Text WCAG AAA × Fail

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

Hex 5D668C Background



This preview shows how black text looks on a background with the Hex color 5D668C.



This preview shows how white text looks on a background with the Hex color 5D668C.

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

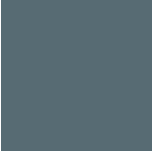
5D668C

Protanopia

5D668C

Deuteranopia

5D668C



Tritanopia
576B73

Trichromacy



Original Color
5D668C

Protanomaly
5D668C

Deuteranomaly
5D668C

Tritanomaly
59697C

Monochromacy



Original Color
5D668C

Achromatopsia
686868

Achromatomaly
646775

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D668C 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 #5D668C looks like.

```
.text, #text, p{  
    color:#5D668C  
}
```

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 #5D668C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D668C
}
```

Border

The CSS property to change the border of an element to Hex 5D668C 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
#5D668C }
```

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

```
.border{ border-color:#5D668C }
```

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

Here you see how a box with a 4 pixel #5D668C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D668C; -webkit-box-shadow:4px 4px  
4px 4px #5D668C; box-shadow:4px 4px 4px  
4px #5D668C }
```

Background

The CSS property to change the background color of an element to Hex 5D668C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D668C }
```

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

```
.background{ background-color:#5D668C }
```

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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