

Converting Colors

Hex(5C728C)

Have a look what the booklet for
Hex(5C728C) contains.

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Color

Hex(5C728C)

Conversions

Conversions Part 1

Format	Color
Hex	5C728C
RGB	92, 114, 140
RGB Percent	36%, 45%, 55%
CMY	0.6392, 0.5529, 0.4510
CMYK	0.34, 0.19, 0.00, 0.45
HSL	212°, 21%, 45%
HSV	212°, 34%, 55%
XYZ	15.1646, 16.2034, 27.1393
YIQ	110.3860, -21.4580, 3.4220

Conversions

Conversions Part 2

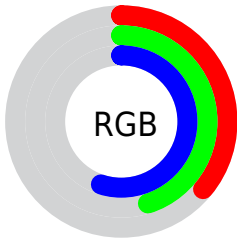
Format	Color
R _{YB}	92, 107, 140
Decimal	6058636
CIE Lab	47.24, -1.40, -16.83
CIE LCh	47, 16.890, 265.241
Yxy	16.2034, 0.2592, 0.2769
Android (android.graphics.Color)	4284248716 (0xFF5C728C)
YUV	110.3860, 14.5997, -16.1245
Hunter-Lab	40.2534, -3.1977, -11.7965

Details

The Hex color **5C728C** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8C765C**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **90A6C2**, and **2B425A** is the 20% darker color. If you saturate the color by 10%, you get **4E6A8C**, and if you desaturate by 10%, it is **6A7A8C**.

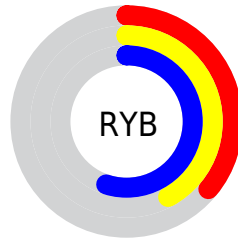
Distribution



Red (36%)

Green (45%)

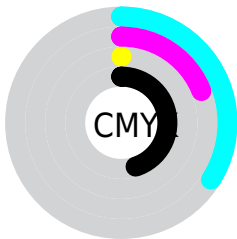
Blue (55%)



Red (36%)

Yellow (42%)

Blue (55%)

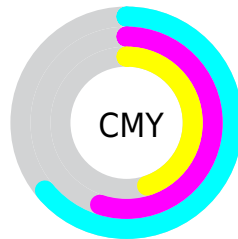


Cyan (34%)

Magenta (19%)

Yellow (0%)

Black (45%)



Cyan (64%)

Magenta (55%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C728C 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 5C728C by changing the saturation by 10% instead.

■ 5C728C

■ 5C728C

FFFFFF

■ 435A72

■ 90A6C2

■ 2B425A

■ AAC1DE

■ 132C42

■ C6DDFA

■ 00182C

■ E2F9FF

■ 000118

■ 000000

■ 5C728C

■ 5C728C

■ 4E6A8C

■ 6A7A8C

■ 40638C

■ 78818C

■ 325B8C

■ 86898C

■ 24548C

■ 94908C

■ 164C8C

■ A2988C

■ 08448C

■ B0A08C

■ 00408C

■ BEA78C

■ CCAF8C

■ DAB68C

Harmonies

Analogous

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



4C7687



5C728C



6F6D8A

Triad

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



5C728C



8D6665



5E765F

Complementary

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



5C728C



8C765C

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.



6E7356



5C728C



886A59

Square

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



5C728C



8B6673



7D6E54



4F786D

Rectangle

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



5C728C



7B6A84



7D6E54



63755C

Sweetspot

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



5C728C



A3ABB5



5C8C76



51565C



DBDBDB



5C5C5C

Same Dimension

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



5C728C



6B8DB5



5E5C8C



3E4145



003D85



000205

Inverse Universe

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



8C5C72



B56B8D



8A8C5C



453E41



85003D



050002

Previews

White Background



This preview shows how the Hex color 5C728C 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

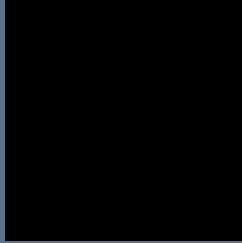
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

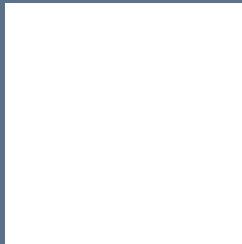
Any Text WCAG AAA × Fail

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

Hex 5C728C Background



This preview shows how black text looks on a background with the Hex color 5C728C.



This preview shows how white text looks on a background with the Hex color 5C728C.

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
5C728C

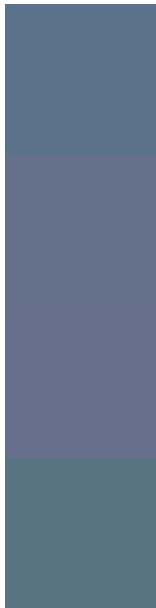
Protanopia
6A6F8A

Deuteranopia
6C6E8D



Tritanopia
59747E

Trichromacy



Original Color
5C728C

Protanomaly
65708B

Deuteranomaly
666F8D

Tritanomaly
5A7383

Monochromacy



Original Color
5C728C

Achromatopsia
6E6E6E

Achromatomaly
676F79

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C728C 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 #5C728C looks like.

```
.text, #text, p{  
    color:#5C728C  
}
```

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 #5C728C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C728C
}
```

Border

The CSS property to change the border of an element to Hex 5C728C 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
#5C728C }
```

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

```
.border{ border-color:#5C728C }
```

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

Here you see how a box with a 4 pixel #5C728C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C728C; -webkit-box-shadow:4px 4px  
4px 4px #5C728C; box-shadow:4px 4px 4px  
4px #5C728C }
```

Background

The CSS property to change the background color of an element to Hex 5C728C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C728C }
```

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

```
.background{ background-color:#5C728C }
```

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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