

Converting Colors

Hex(5D728B)

Have a look what the booklet for
Hex(5D728B) contains.

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Color

Hex(5D728B)

Conversions

Conversions Part 1

Format	Color
Hex	5D728B
RGB	93, 114, 139
RGB Percent	36%, 45%, 55%
CMY	0.6353, 0.5529, 0.4549
CMYK	0.33, 0.18, 0.00, 0.45
HSL	213°, 20%, 45%
HSV	213°, 33%, 55%
XYZ	15.1917, 16.2259, 26.7573
YIQ	110.5710, -20.5410, 3.3230

Conversions

Conversions Part 2

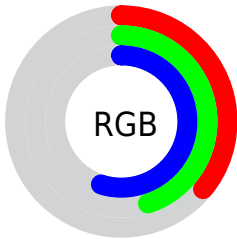
Format	Color
R _{YB}	93, 107, 139
Decimal	6124171
CIE Lab	47.27, -1.37, -16.19
CIE LCh	47, 16.245, 265.179
Yxy	16.2259, 0.2611, 0.2789
Android (android.graphics.Color)	4284314251 (0xFF5D728B)
YUV	110.5710, 14.0155, -15.4098
Hunter-Lab	40.2813, -3.1728, -11.1871

Details

The Hex color **5D728B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8B765D**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **91A6C1**, and **2D4259** is the 20% darker color. If you saturate the color by 10%, you get **4F6A8B**, and if you desaturate by 10%, it is **6B7A8B**.

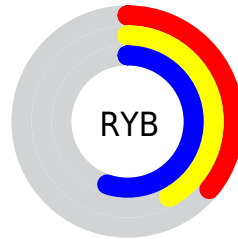
Distribution



Red (36%)

Green (45%)

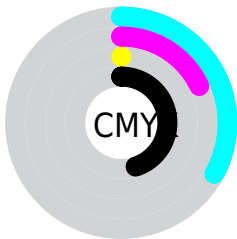
Blue (55%)



Red (36%)

Yellow (42%)

Blue (55%)

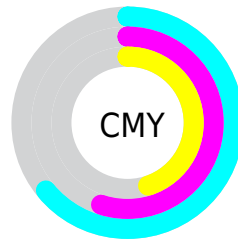


Cyan (33%)

Magenta (18%)

Yellow (0%)

Black (45%)



Cyan (64%)

Magenta (55%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D728B 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 5D728B by changing the saturation by 10% instead.

■ 5D728B

■ 5D728B

FFFFFF

■ 445A71

■ 91A6C1

■ 2D4259

■ ABC1DC

■ 152C41

■ C7DDF9

■ 00182B

■ E3F9FF

■ 000117

■ 000000

■ 5D728B

■ 5D728B

■ 4F6A8B

■ 6B7A8B

■ 41638B

■ 79818B

■ 335B8B

■ 87898B

■ 25548B

■ 95908B

■ 174C8B

■ A3988B

■ 0A458B

■ B09F8B

■ 003F8B

■ BEA78B

■ CCAE8B

■ DAB68B

Harmonies

Analogous

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



4E7686



5D728B



706D89

Triad

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



5D728B



8C6765



5E7660

Complementary

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



5D728B



8B765D

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.



6E7357



5D728B



876A5A

Square

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



5D728B



8A6773



7D6E55



51786D

Rectangle

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



5D728B



7B6A83



7D6E55



64755D

Sweetspot

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



5D728B



A3ABB5



5D8B76



51565C



DBDBDB



5C5C5C

Same Dimension

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



5D728B



6D8EB5



5F5D8B



3E4145



003D85



000205

Inverse Universe

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



8B5D72



B56D8E



898B5D



453E41



85003D



050002

Previews

White Background



This preview shows how the Hex color 5D728B looks on a white background.

Color Contrast Check

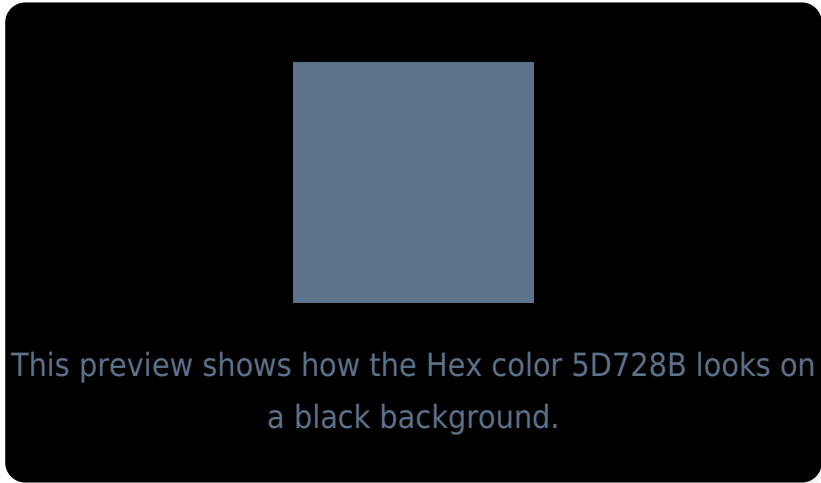
Large Text (above 18pt) WCAG AA ✓ Pass

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

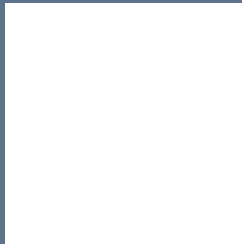
Any Text WCAG AAA × Fail

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

Hex 5D728B Background



This preview shows how black text looks on a background with the Hex color 5D728B.



This preview shows how white text looks on a background with the Hex color 5D728B.

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
5D728B

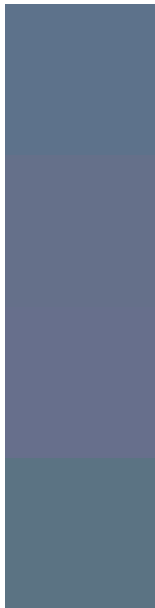
Protanopia
6A6F89

Deuteranopia
6C6E8C



Tritanopia
5A747E

Trichromacy



Original Color
5D728B

Protanomaly
65708A

Deuteranomaly
676F8C

Tritanomaly
5B7383

Monochromacy



Original Color
5D728B

Achromatopsia
6F6F6F

Achromatomaly
687079

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D728B 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 #5D728B looks like.

```
.text, #text, p{  
    color:#5D728B  
}
```

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 #5D728B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D728B
}
```

Border

The CSS property to change the border of an element to Hex 5D728B 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
#5D728B }
```

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

```
.border{ border-color:#5D728B }
```

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

Here you see how a box with a 4 pixel #5D728B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D728B; -webkit-box-shadow:4px 4px  
4px 4px #5D728B; box-shadow:4px 4px 4px  
4px #5D728B }
```

Background

The CSS property to change the background color of an element to Hex 5D728B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D728B }
```

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

```
.background{ background-color:#5D728B }
```

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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