

Converting Colors

Hex(5D648D)

Have a look what the booklet for
Hex(5D648D) contains.

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Color

Hex(5D648D)

Conversions

Conversions Part 1

Format	Color
Hex	5D648D
RGB	93, 100, 141
RGB Percent	36%, 39%, 55%
CMY	0.6353, 0.6078, 0.4471
CMYK	0.34, 0.29, 0.00, 0.45
HSL	231°, 21%, 46%
HSV	231°, 34%, 55%
XYZ	13.8791, 13.3646, 27.0474
YIQ	102.5810, -17.3330, 11.2670

Conversions

Conversions Part 2

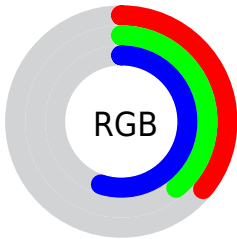
Format	Color
R_{YB}	93, 99, 141
Decimal	6120589
CIE _{Lab}	43.31, 7.66, -23.47
CIE _{LCh}	43, 24.688, 288.076
Yxy	13.3646, 0.2556, 0.2462
Android (android.graphics.Color)	4284310669 (0xFF5D648D)
YUV	102.5810, 18.9406, -8.4025
Hunter-Lab	36.5576, 3.7917, -18.2758

Details

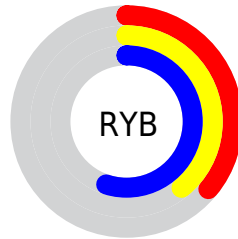
The Hex color **5D648D** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8D865D**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **9197C3**, and **2C365B** is the 20% darker color. If you saturate the color by 10%, you get **4F588D**, and if you desaturate by 10%, it is **6B708D**.

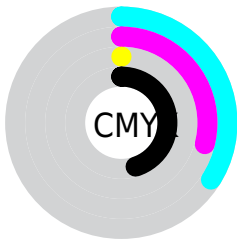
Distribution



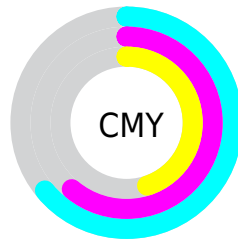
- Red (36%)
- Green (39%)
- Blue (55%)



- Red (36%)
- Yellow (39%)
- Blue (55%)



- Cyan (34%)
- Magenta (29%)
- Yellow (0%)
- Black (45%)



- Cyan (64%)
- Magenta (61%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D648D 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 5D648D by changing the saturation by 10% instead.

■ 5D648D

■ 5D648D

FFFFFF

■ 444C73

■ 9197C3

■ 2C365B

■ ACB1DF

■ 142043

■ C7CDFB

■ 00092D

■ E4E9FF

■ 000117

■ 000000

■ 5D648D

■ 5D648D

■ 4F588D

■ 6B708D

■ 414C8D

■ 797C8D

■ 33408D

■ 87888D

■ 25348D

■ 95948D

■ 16288D

■ A4A08D

■ 081C8D

■ B2AC8D

■ 00158D

■ C0B88D

■ CEC48D

■ DCD08D

Harmonies

Analogous

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



3C6B8E



5D648D



785D82

Triad

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



5D648D



895B49



37715D

Complementary

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



5D648D



8D865D

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.



506E4A



5D648D



7B623E

Square

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



5D648D



8F575B



68693F



1E7172

Rectangle

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



5D648D



855976



68693F



407056

Sweetspot

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



5D648D



A5A8B8



5D8D86



51525C



DBDBDB



5C5C5C

Same Dimension

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



5D648D



6C77B8



6E5D8D



404147



001487



000108

Inverse Universe

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



8D5D64



B86C77



7C8D5D



474041



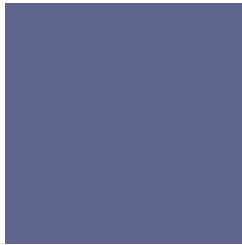
870014



080001

Previews

White Background



This preview shows how the Hex color 5D648D looks on a white background.

Color Contrast Check

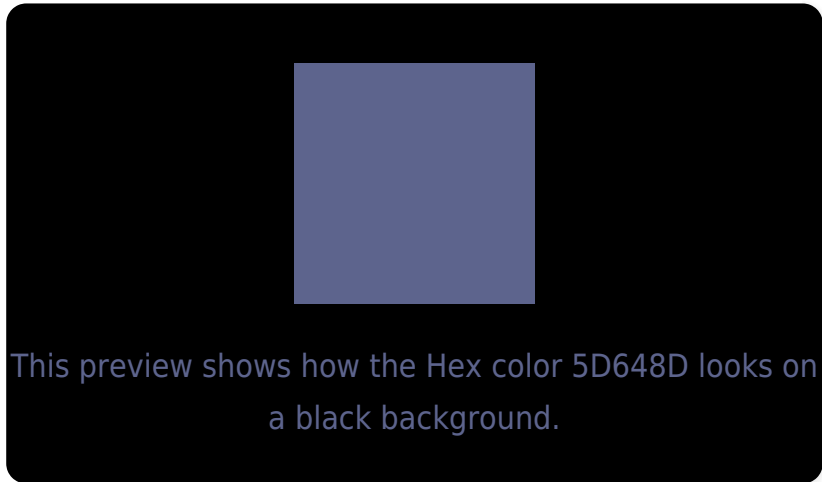
Large Text (above 18pt) WCAG AA ✓ Pass

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

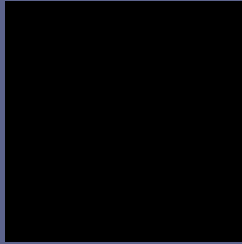
Any Text WCAG AA × Fail

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 5D648D Background



This preview shows how black text looks on a background with the Hex color 5D648D.



This preview shows how white text looks on a background with the Hex color 5D648D.

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
5D648D

Protanopia
5A658E

Deuteranopia
5A658D



Tritanopia
576972

Trichromacy



Original Color
5D648D

Protanomaly
5B658E

Deuteranomaly
5B658D

Tritanomaly
59677C

Monochromacy



Original Color
5D648D

Achromatopsia
676767

Achromatomaly
636675

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D648D 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 #5D648D looks like.

```
.text, #text, p{  
    color:#5D648D  
}
```

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 #5D648D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D648D
}
```

Border

The CSS property to change the border of an element to Hex 5D648D 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
#5D648D }
```

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

```
.border{ border-color:#5D648D }
```

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

Here you see how a box with a 4 pixel #5D648D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D648D; -webkit-box-shadow:4px 4px  
4px 4px #5D648D; box-shadow:4px 4px 4px  
4px #5D648D }
```

Background

The CSS property to change the background color of an element to Hex 5D648D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D648D }
```

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

```
.background{ background-color:#5D648D }
```

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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