

Converting Colors

Hex(6D6F8C)

Have a look what the booklet for
Hex(6D6F8C) contains.

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Color

Hex(6D6F8C)

Conversions

Conversions Part 1

Format	Color
Hex	6D6F8C
RGB	109, 111, 140
RGB Percent	43%, 44%, 55%
CMY	0.5725, 0.5647, 0.4510
CMYK	0.22, 0.21, 0.00, 0.45
HSL	236°, 12%, 49%
HSV	236°, 22%, 55%
XYZ	16.7247, 16.5135, 27.1169
YIQ	113.7080, -10.5010, 8.5950

Conversions

Conversions Part 2

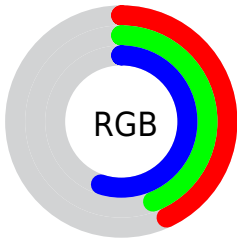
Format	Color
R _Y B	109, 111, 140
Decimal	7171980
CIE Lab	47.64, 5.87, -16.11
CIE LCh	48, 17.142, 290.022
Yxy	16.5135, 0.2771, 0.2736
Android (android.graphics.Color)	4285362060 (0xFF6D6F8C)
YUV	113.7080, 12.9620, -4.1289
Hunter-Lab	40.6369, 2.3500, -11.1183

Details

The Hex color **6D6F8C** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8C8A6D**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **A1A3C2**, and **3D3F5A** is the 20% darker color. If you saturate the color by 10%, you get **5F628C**, and if you desaturate by 10%, it is **7B7C8C**.

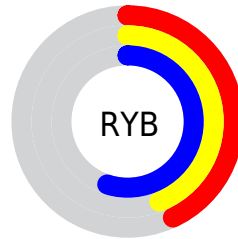
Distribution



Red (43%)

Green (44%)

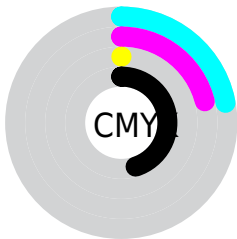
Blue (55%)



Red (43%)

Yellow (44%)

Blue (55%)

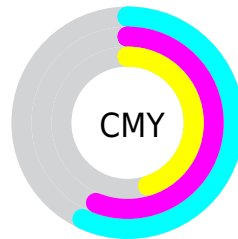


Cyan (22%)

Magenta (21%)

Yellow (0%)

Black (45%)



Cyan (57%)

Magenta (56%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D6F8C 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 6D6F8C by changing the saturation by 10% instead.

■ 6D6F8C

■ 6D6F8C

FFFFFF

■ 545772

■ A1A3C2

■ 3D3F5A

■ BCBEDE

■ 262A42

■ D8D9FA

■ 10152C

■ F5F6FF

■ 000118

■ 000000

■ 6D6F8C

■ 6D6F8C

■ 5F628C

■ 7B7C8C

■ 51558C

■ 89898C

■ 43488C

■ 97968C

■ 353B8C

■ A5A38C

■ 272E8C

■ B3B08C

■ 19208C

■ C1BE8C

■ 0B138C

■ CFCB8C

■ 00098C

■ DDD88C

■ EBE58C

Harmonies

Analogous

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



59748D



6D6F8C



7F6A84

Triad

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



6D6F8C



8B6A5B



52796C

Complementary

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



6D6F8C



8C8A6D

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.



61775E



6D6F8C



806E55

Square

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



6D6F8C



8F6768



727356



48797A

Rectangle

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



6D6F8C



88687B



727356



577867

Sweetspot

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



6D6F8C



A8A9B5



6D8C8A



54555C



DBDBDB



5C5C5C

Same Dimension

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



6D6F8C



8487B5



7A6D8C



3E3E45



000985



000005

Inverse Universe

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



8C6D6F



B58487



7F8C6D



453E3E



850009



050000

Previews

White Background



This preview shows how the Hex color 6D6F8C looks on a white background.

Color Contrast Check

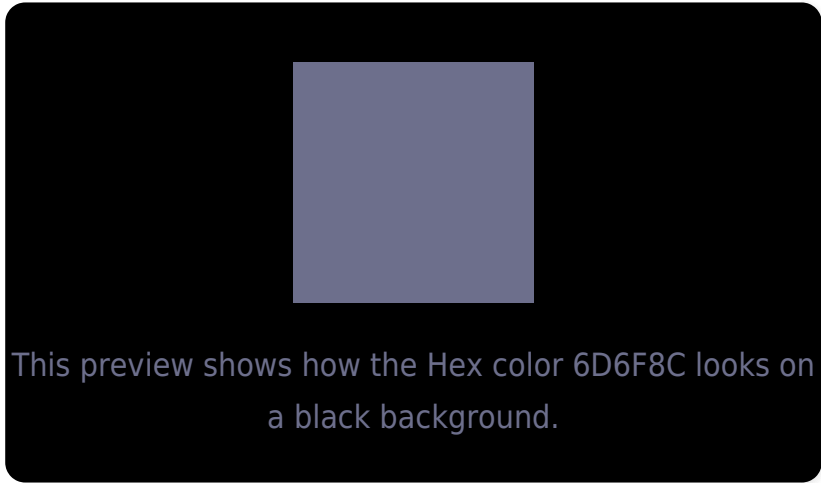
Large Text (above 18pt) WCAG AA ✓ Pass

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

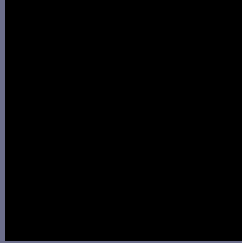
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

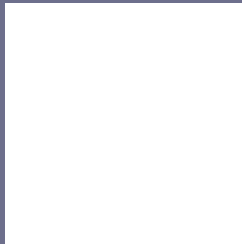
Any Text WCAG AAA × Fail

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

Hex 6D6F8C Background



This preview shows how black text looks on a background with the Hex color 6D6F8C.



This preview shows how white text looks on a background with the Hex color 6D6F8C.

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
6D6F8C

Protanopia
6A708D

Deuteranopia
6E6F8C



Tritanopia
6A727B

Trichromacy



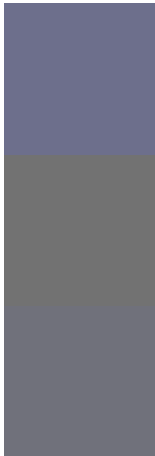
Original Color
6D6F8C

Protanomaly
6B708D

Deuteranomaly
6E6F8C

Tritanomaly
6B7181

Monochromacy



Original Color
6D6F8C

Achromatopsia
727272

Achromatomaly
70717B

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D6F8C 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 #6D6F8C looks like.

```
.text, #text, p{  
    color:#6D6F8C  
}
```

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 #6D6F8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D6F8C
}
```

Border

The CSS property to change the border of an element to Hex 6D6F8C is called "border". The border property can be set on classes, ids or directly on the HTML element.

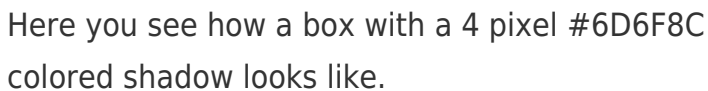
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D6F8C }
```

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

```
.border{ border-color:#6D6F8C }
```

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



Here you see how a box with a 4 pixel #6D6F8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D6F8C; -webkit-box-shadow:4px 4px  
4px 4px #6D6F8C; box-shadow:4px 4px 4px  
4px #6D6F8C }
```

Background

The CSS property to change the background color of an element to Hex 6D6F8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D6F8C }
```

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

```
.background{ background-color:#6D6F8C }
```

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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