

Converting Colors

Hex(6D6380)

Have a look what the booklet for
Hex(6D6380) contains.

Hex(6D6380)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6D6380)

Conversions

Conversions Part 1

Format	Color
Hex	6D6380
RGB	109, 99, 128
RGB Percent	43%, 39%, 50%
CMY	0.5725, 0.6118, 0.4980
CMYK	0.15, 0.23, 0.00, 0.50
HSL	261°, 13%, 45%
HSV	261°, 23%, 50%
XYZ	14.6648, 13.7334, 22.3000
YIQ	105.2960, -3.3490, 11.1390

Conversions

Conversions Part 2

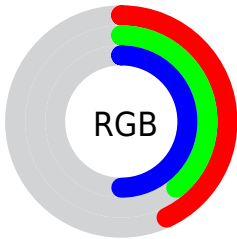
Format	Color
R_{YB}	109, 99, 128
Decimal	7168896
CIE _{Lab}	43.85, 10.21, -14.70
CIE _{LCh}	44, 17.900, 304.768
Yxy	13.7334, 0.2893, 0.2709
Android (android.graphics.Color)	4285358976 (0xFF6D6380)
YUV	105.2960, 11.1931, 3.2484
Hunter-Lab	37.0586, 5.7833, -9.7367

Details

The Hex color **6D6380** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **768063**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **A196B5**, and **3D344F** is the 20% darker color. If you saturate the color by 10%, you get **655680**, and if you desaturate by 10%, it is **757080**.

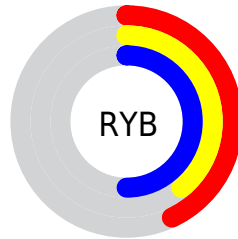
Distribution



Red (43%)

Green (39%)

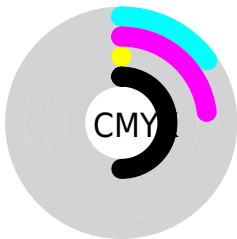
Blue (50%)



Red (43%)

Yellow (39%)

Blue (50%)

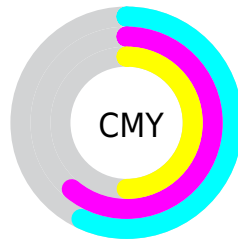


Cyan (15%)

Magenta (23%)

Yellow (0%)

Black (50%)



Cyan (57%)

Magenta (61%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D6380 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 6D6380 by changing the saturation by 10% instead.



6D6380



6D6380

FFFFFF



554B67



A196B5



3D344F



BCB0D0



271F38



D8CCED



130822



F4E8FF



00000A



000000



6D6380



6D6380



655680



757080



5C4980



7E7D80

■ 543D80

■ 868980

■ 4B3080

■ 8F9680

■ 432380

■ 97A380

■ 3B1680

■ 9FB080

■ 320980

■ A8BD80

■ 2C0080

■ B0C980

■ B8D680

Harmonies

Analogous

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



596885



6D6380



7D5F75

Triad

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



6D6380



7D624D



41706A

Complementary

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



6D6380



768063

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.



4F6F5B



6D6380



70674A

Square

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



6D6380



855E57



606C4F



3C6F78

Rectangle

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



6D6380



835D6B



606C4F



457064

Sweetspot

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



6D6380



9E9AA6



637680



504D54



D4D4D4



545454

Same Dimension

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



6D6380



8879A6



7B6380



3C3940



2C0080



000000

Inverse Universe

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



806376



A67996



688063



40393E



800054



000000

Previews

White Background



This preview shows how the Hex color 6D6380 looks on a white background.

Color Contrast Check

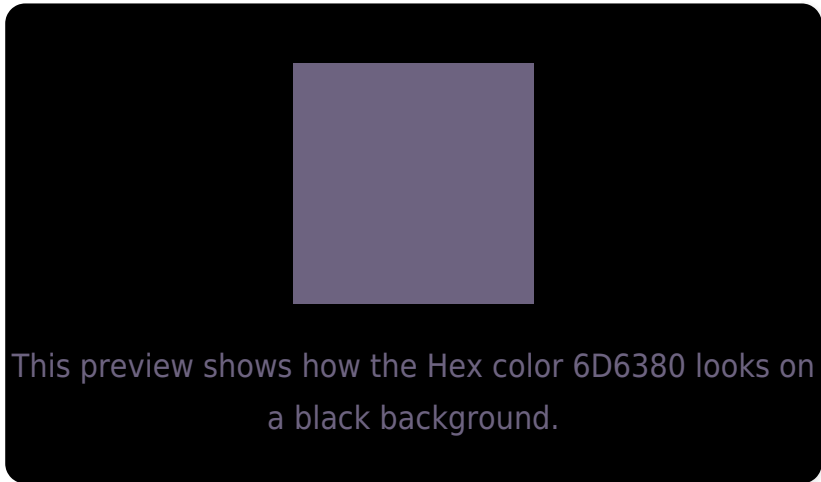
Large Text (above 18pt) WCAG AA ✓ Pass

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

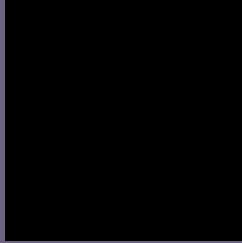
Any Text WCAG AA × Fail

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 6D6380 Background



This preview shows how black text looks on a background with the Hex color 6D6380.



This preview shows how white text looks on a background with the Hex color 6D6380.

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
6D6380

Protanopia
616783

Deuteranopia
66667F



Tritanopia
6A666E

Trichromacy



Original Color
6D6380

Protanomaly
656682

Deuteranomaly
69657F

Tritanomaly
6B6575

Monochromacy



Original Color
6D6380

Achromatopsia
696969

Achromatomaly
6A6771

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D6380 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 #6D6380 looks like.

```
.text, #text, p{  
    color:#6D6380  
}
```

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 #6D6380 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D6380
}
```

Border

The CSS property to change the border of an element to Hex 6D6380 is called "border". The border property can be set on classes, ids or directly on the HTML element.

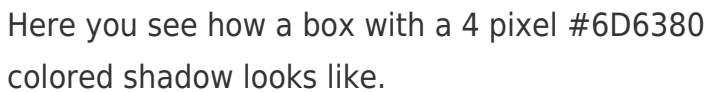
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D6380 }
```

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

```
.border{ border-color:#6D6380 }
```

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



Here you see how a box with a 4 pixel #6D6380 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D6380; -webkit-box-shadow:4px 4px  
4px 4px #6D6380; box-shadow:4px 4px 4px  
4px #6D6380 }
```

Background

The CSS property to change the background color of an element to Hex 6D6380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D6380 }
```

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

```
.background{ background-color:#6D6380 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor