

# Converting Colors

Hex(6D5380)

Have a look what the booklet for  
Hex(6D5380) contains.

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# Color

**Hex(6D5380)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6D5380
RGB	109, 83, 128
RGB Percent	43%, 33%, 50%
CMY	0.5725, 0.6745, 0.4980
CMYK	0.15, 0.35, 0.00, 0.50
HSL	275°, 21%, 41%
HSV	275°, 35%, 50%
XYZ	13.2962, 10.9962, 21.8438
YIQ	95.9040, 1.0510, 19.5070

# Conversions

## Conversions Part 2

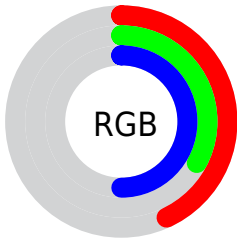
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	109, 83, 128
Decimal	7164800
CIE <sub>Lab</sub>	39.57, 20.01, -21.26
CIE <sub>LCh</sub>	40, 29.201, 313.266
Yxy	10.9962, 0.2882, 0.2383
Android (android.graphics.Color)	4285354880 (0xFF6D5380)
YUV	95.9040, 15.8233, 11.4852
Hunter-Lab	33.1606, 13.5412, -15.8435

# Details

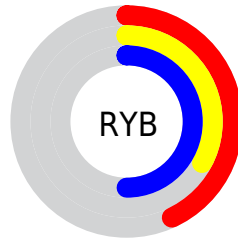
The Hex color **6D5380** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **668053**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **A185B5**, and **3C254F** is the 20% darker color. If you saturate the color by 10%, you get **684680**, and if you desaturate by 10%, it is **726080**.

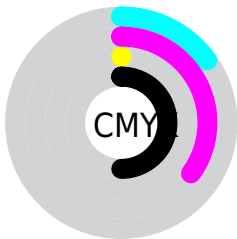
# Distribution



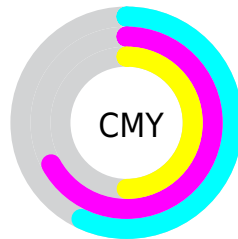
- Red (43%)
- Green (33%)
- Blue (50%)



- Red (43%)
- Yellow (33%)
- Blue (50%)



- Cyan (15%)
- Magenta (35%)
- Yellow (0%)
- Black (50%)



- Cyan (57%)
- Magenta (67%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D5380 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 6D5380 by changing the saturation by 10% instead.



6D5380

6D5380

FFFFFF

543C67

A185B5

3C254F

BC9FD1

261138

D8BAED

140022

F5D6FF

000008

FFF2FF

000000

6D5380

6D5380

684680

726080

623980

786D80

5D2D80

7D7980

572080

838680

521380

889380

4D0680

8DA080

4A0080

93AD80

98B980

9EC680

# Harmonies

## Analogous

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



4A5C8B



6D5380



834C6C

# Triad

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



6D5380



77572F



006A67

# Complementary

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



6D5380



668053

# 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.



26694F



6D5380



625F2E

# Square

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



6D5380



864F3E



47653A



00687D

# Rectangle

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



6D5380



8A4A5C



47653A



006A5F



# Sweetspot

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



6D5380



9E94A6



536780



504954



D4D4D4



545454



# Same Dimension

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



6D5380



8860A6



80537D



3D3940



4A0080



000000



# Inverse Universe

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



805366



A6607E



538056



40393C



800036

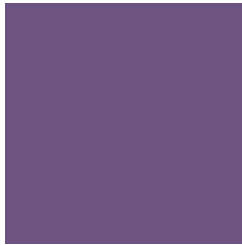


000000



# Previews

## White Background



This preview shows how the Hex color 6D5380 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

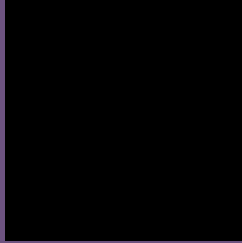
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6D5380 Background



This preview shows how black text looks on a background with the Hex color 6D5380.



This preview shows how white text looks on a background with the Hex color 6D5380.

# 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**  
6D5380

**Protanopia**  
4F5C87

**Deuteranopia**  
545C7E



**Tritanopia**  
685960

# Trichromacy



**Original Color**  
6D5380

**Protanomaly**  
5A5984

**Deuteranomaly**  
5D597F

**Tritanomaly**  
6A576C

# Monochromacy



**Original Color**  
6D5380

**Achromatopsia**  
606060

**Achromatomaly**  
655B6C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D5380 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 #6D5380 looks like.

```
.text, #text, p{  
    color:#6D5380  
}
```

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 #6D5380 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D5380
}
```

## Border

The CSS property to change the border of an element to Hex 6D5380 is called "border". The border property can be set on classes, ids or directly on the HTML element.

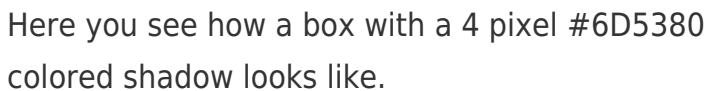
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D5380 }
```

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

```
.border{ border-color:#6D5380 }
```

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



Here you see how a box with a 4 pixel #6D5380 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D5380; -webkit-box-shadow:4px 4px  
4px 4px #6D5380; box-shadow:4px 4px 4px  
4px #6D5380 }
```

# Background

The CSS property to change the background color of an element to Hex 6D5380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D5380 }
```

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

```
.background{ background-color:#6D5380 }
```

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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