

# Converting Colors

Hex(6D537F)

Have a look what the booklet for  
Hex(6D537F) contains.

<b>Hex(6D537F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(6D537F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6D537F
RGB	109, 83, 127
RGB Percent	43%, 33%, 50%
CMY	0.5725, 0.6745, 0.5020
CMYK	0.14, 0.35, 0.00, 0.50
HSL	275°, 21%, 41%
HSV	275°, 35%, 50%
XYZ	13.2307, 10.9700, 21.4988
YIQ	95.7900, 1.3720, 19.1960

# Conversions

## Conversions Part 2

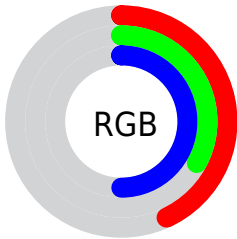
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	109, 83, 127
Decimal	7164799
CIE <sub>Lab</sub>	39.53, 19.78, -20.72
CIE <sub>LCh</sub>	40, 28.643, 313.666
Yxy	10.9700, 0.2895, 0.2400
Android (android.graphics.Color)	4285354879 (0xFF6D537F)
YUV	95.7900, 15.3865, 11.5852
Hunter-Lab	33.1210, 13.3427, -15.3002

# Details

The Hex color **6D537F** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **657F53**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **A185B4**, and **3C254E** is the 20% darker color. If you saturate the color by 10%, you get **68467F**, and if you desaturate by 10%, it is **72607F**.

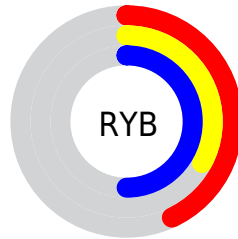
# Distribution



Red (43%)

Green (33%)

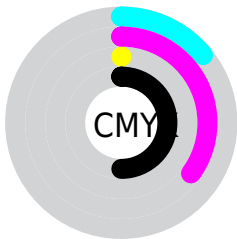
Blue (50%)



Red (43%)

Yellow (33%)

Blue (50%)

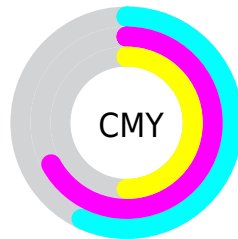


Cyan (14%)

Magenta (35%)

Yellow (0%)

Black (50%)



Cyan (57%)

Magenta (67%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D537F 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 6D537F by changing the saturation by 10% instead.



6D537F

6D537F

FFFFFF

543C66

A185B4

3C254E

BC9FD0

261137

D8BAEC

140022

F5D6FF

000006

FFF2FF

000000

6D537F

6D537F

68467F

72607F

633A7F

776C7F

5D2D7F

7D797F

58207F

82867F

53147F

87937F

4E077F

8C9F7F

4B007F

91AC7F

97B97F

9CC57F

# Harmonies

## Analogous

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



4B5C8A



6D537F



824C6B

# Triad

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



6D537F



775730



006967

# Complementary

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



6D537F



657F53

# 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.



27684F



6D537F



615F2F

# Square

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



6D537F



854F3E



47653A



00687D

# Rectangle

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



6D537F



894A5B



47653A



00695F



# Sweetspot

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



6D537F



9F95A6



53657F



504A54



D4D4D4



545454



# Same Dimension

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



6D537F



8960A6



7F537B



3D3940



4B0080



000000



# Inverse Universe

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



7F5365



A6607D



537F57



40393C



800034



000000



# Previews

## White Background



This preview shows how the Hex color 6D537F 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

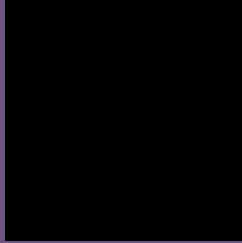
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6D537F Background



This preview shows how black text looks on a background with the Hex color 6D537F.



This preview shows how white text looks on a background with the Hex color 6D537F.

# 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**  
6D537F

**Protanopia**  
505C86

**Deuteranopia**  
555C7D



**Tritanopia**  
685960

# Trichromacy



**Original Color**  
6D537F

**Protanomaly**  
5B5983

**Deuteranomaly**  
5E597E

**Tritanomaly**  
6A576B

# Monochromacy



**Original Color**  
6D537F

**Achromatopsia**  
606060

**Achromatomaly**  
655B6B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D537F 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 #6D537F looks like.

```
.text, #text, p{  
    color:#6D537F  
}
```

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 #6D537F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D537F
}
```

## Border

The CSS property to change the border of an element to Hex 6D537F is called "border". The border property can be set on classes, ids or directly on the HTML element.

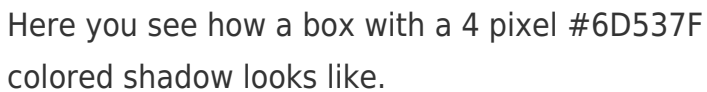
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D537F }
```

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

```
.border{ border-color:#6D537F }
```

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



Here you see how a box with a 4 pixel #6D537F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D537F; -webkit-box-shadow:4px 4px  
4px 4px #6D537F; box-shadow:4px 4px 4px  
4px #6D537F }
```

# Background

The CSS property to change the background color of an element to Hex 6D537F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D537F }
```

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

```
.background{ background-color:#6D537F }
```

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