

# Converting Colors

Hex(6D5B7E)

Have a look what the booklet for  
Hex(6D5B7E) contains.

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# Color

**Hex(6D5B7E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6D5B7E
RGB	109, 91, 126
RGB Percent	43%, 36%, 49%
CMY	0.5725, 0.6431, 0.5059
CMYK	0.13, 0.28, 0.00, 0.51
HSL	271°, 16%, 43%
HSV	271°, 28%, 49%
XYZ	13.8137, 12.2397, 21.3731
YIQ	100.3720, -0.5070, 14.7010

# Conversions

## Conversions Part 2

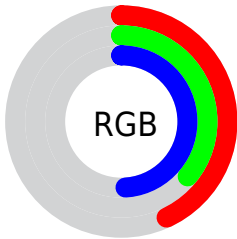
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	109, 91, 126
Decimal	7166846
CIE <sub>Lab</sub>	41.59, 14.63, -16.93
CIE <sub>LCh</sub>	42, 22.377, 310.825
Yxy	12.2397, 0.2913, 0.2581
Android (android.graphics.Color)	4285356926 (0xFF6D5B7E)
YUV	100.3720, 12.6346, 7.5668
Hunter-Lab	34.9853, 9.2548, -11.7315

# Details

The Hex color **6D5B7E** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **6C7E5B**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **A18DB3**, and **3D2D4D** is the 20% darker color. If you saturate the color by 10%, you get **674E7E**, and if you desaturate by 10%, it is **73687E**.

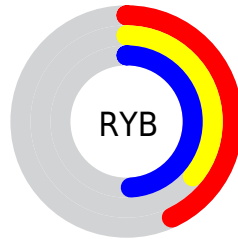
# Distribution



Red (43%)

Green (36%)

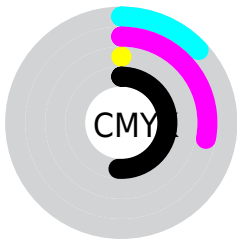
Blue (49%)



Red (43%)

Yellow (36%)

Blue (49%)

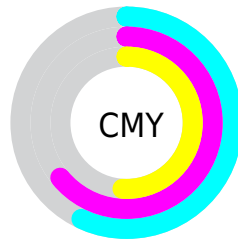


Cyan (13%)

Magenta (28%)

Yellow (0%)

Black (51%)



Cyan (57%)

Magenta (64%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D5B7E 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 6D5B7E by changing the saturation by 10% instead.



6D5B7E

6D5B7E

FFFFFF

544365

A18DB3

3D2D4D

BCA8CE

261836

D8C3EB

140021

F4DFFF

000006

FFFCFF

000000

6D5B7E

6D5B7E

674E7E

73687E

61427E

79747E

■ 5B357E

■ 7F817E

■ 55297E

■ 858D7E

■ 4E1C7E

■ 8C9A7E

■ 480F7E

■ 92A77E

■ 42037E

■ 98B37E

■ 41007E

■ 9EC07E

■ A4CC7E

# Harmonies

## Analogous

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



536286



6D5B7E



7F566F

# Triad

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



6D5B7E



795D40



296C68

# Complementary

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



6D5B7E



6C7E5B

# 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.



3E6B55



6D5B7E



68633E

# Square

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



6D5B7E



84574B



546846



236B7A

# Rectangle

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



6D5B7E



855462



546846



2F6C62



# Sweetspot

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



6D5B7E



9D96A3



5B6D7E



4E4952



D1D1D1



525252



# Same Dimension

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



6D5B7E



896DA3



7E5B7E



3D3940



420080



000000



# Inverse Universe

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



7E5B6C



A36D88



5B7E5B



40393C



80003E



000000



# Previews

## White Background



This preview shows how the Hex color 6D5B7E looks on a white background.

## Color Contrast Check

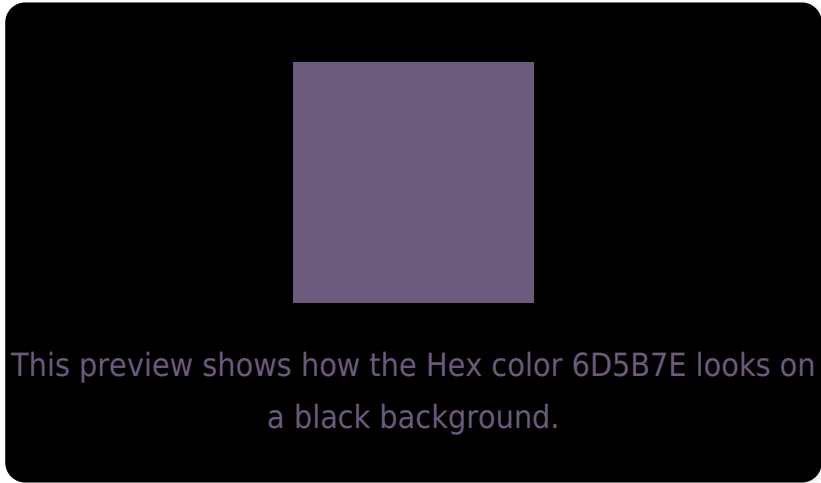
Large Text (above 18pt) WCAG AA ✓ Pass

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

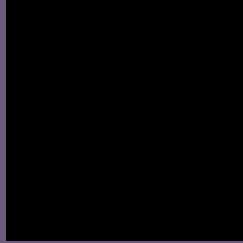
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6D5B7E Background



This preview shows how black text looks on a background with the Hex color 6D5B7E.



This preview shows how white text looks on a background with the Hex color 6D5B7E.

# 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](#).

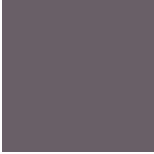
## Dichromacy



**Original Color**  
6D5B7E

**Protanopia**  
596182

**Deuteranopia**  
5E607D



**Tritanopia**  
695F67

# Trichromacy



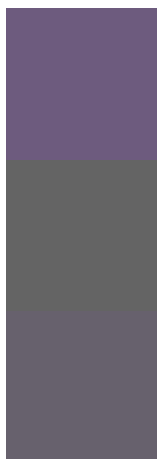
**Original Color**  
6D5B7E

**Protanomaly**  
605F81

**Deuteranomaly**  
635E7D

**Tritanomaly**  
6A5E6F

# Monochromacy



**Original Color**  
6D5B7E

**Achromatopsia**  
646464

**Achromatomaly**  
67616D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D5B7E 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 #6D5B7E looks like.

```
.text, #text, p{  
    color:#6D5B7E  
}
```

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 #6D5B7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D5B7E
}
```

## Border

The CSS property to change the border of an element to Hex 6D5B7E is called "border". The border property can be set on classes, ids or directly on the HTML element.

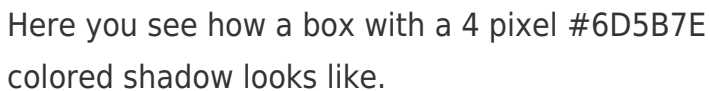
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D5B7E }
```

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

```
.border{ border-color:#6D5B7E }
```

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



Here you see how a box with a 4 pixel #6D5B7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D5B7E; -webkit-box-shadow:4px 4px  
4px 4px #6D5B7E; box-shadow:4px 4px 4px  
4px #6D5B7E }
```

# Background

The CSS property to change the background color of an element to Hex 6D5B7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D5B7E }
```

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

```
.background{ background-color:#6D5B7E }
```

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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