

# Converting Colors

Hex(6D5C87)

Have a look what the booklet for  
Hex(6D5C87) contains.

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# Color

Hex(6D5C87)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6D5C87
RGB	109, 92, 135
RGB Percent	43%, 36%, 53%
CMY	0.5725, 0.6392, 0.4706
CMYK	0.19, 0.32, 0.00, 0.47
HSL	264°, 19%, 45%
HSV	264°, 32%, 53%
XYZ	14.5070, 12.6548, 24.5997
YIQ	101.9850, -3.6710, 16.9770

# Conversions

## Conversions Part 2

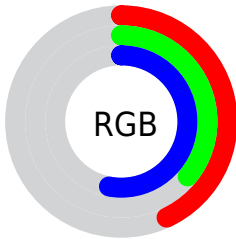
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	109, 92, 135
Decimal	7167111
CIE <sub>Lab</sub>	42.24, 16.18, -21.40
CIE <sub>LCh</sub>	42, 26.829, 307.093
Yxy	12.6548, 0.2803, 0.2445
Android (android.graphics.Color)	4285357191 (0xFF6D5C87)
YUV	101.9850, 16.2764, 6.1522
Hunter-Lab	35.5735, 10.5391, -16.0985

# Details

The Hex color **6D5C87** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **76875C**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **A18EBC**, and **3C2E55** is the 20% darker color. If you saturate the color by 10%, you get **654F87**, and if you desaturate by 10%, it is **756A87**.

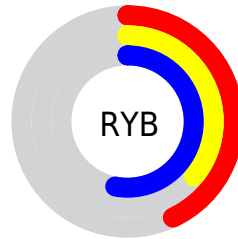
# Distribution



Red (43%)

Green (36%)

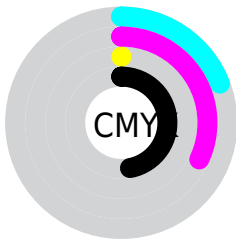
Blue (53%)



Red (43%)

Yellow (36%)

Blue (53%)

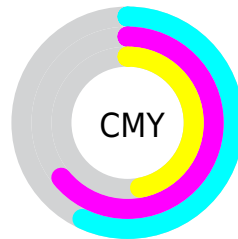


Cyan (19%)

Magenta (32%)

Yellow (0%)

Black (47%)



Cyan (57%)

Magenta (64%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D5C87 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 6D5C87 by changing the saturation by 10% instead.



■ 6D5C87

■ 6D5C87

FFFFFF

■ 54446E

■ A18EBC

■ 3C2E55

■ BCA9D8

■ 26193E

■ D8C4F5

■ 130028

■ F5E0FF

■ 000112

■ FFFDFD

■ 000000

■ 6D5C87

■ 6D5C87

■ 654F87

■ 756A87

■ 5D4187

■ 7D7787

■ 553387

■ 858487

■ 4C2687

■ 8E9287

■ 441987

■ 96A087

■ 3C0B87

■ 9EAD87

■ 350087

■ A6BB87

■ AEC887

■ B6D687

# Harmonies

## Analogous

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



4C648F



6D5C87



845575

# Triad

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



6D5C87



805C3B



166F68

# Complementary

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



6D5C87



76875C

# 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.



3A6E52



6D5C87



6D6437

# Square

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



6D5C87



8C554A



556A40



006E7E

# Rectangle

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



6D5C87



8C5267



556A40



246F61



# Sweetspot

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



6D5C87



A59EB0



5C7787



534F59



D9D9D9



595959



# Same Dimension

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



6D5C87



886DB0



825C87



3E3C42



330082



010003



# Inverse Universe

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



875C76



B06D96



61875C



423C40



82004F

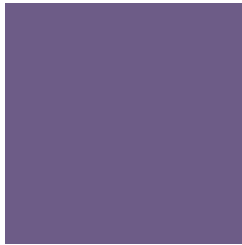


030002



# Previews

## White Background



This preview shows how the Hex color 6D5C87 looks on a white background.

## Color Contrast Check

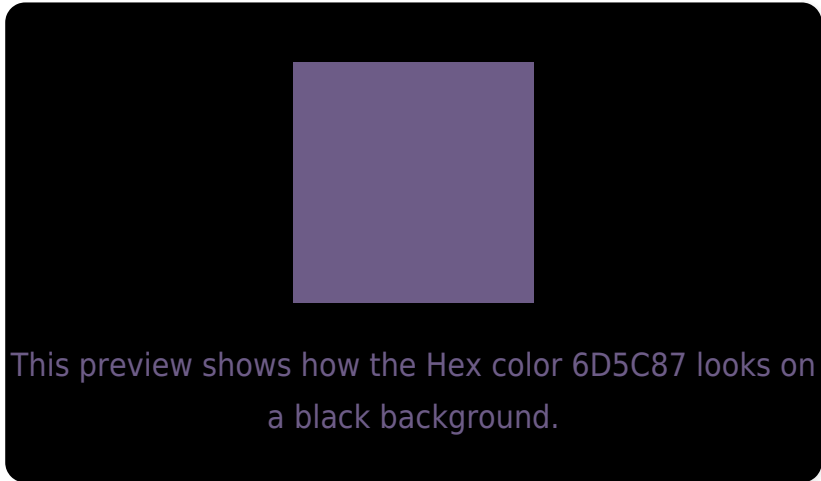
Large Text (above 18pt) WCAG AA ✓ Pass

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

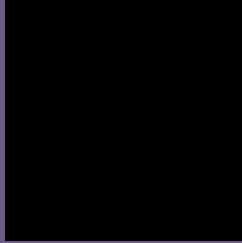
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6D5C87 Background



This preview shows how black text looks on a background with the Hex color 6D5C87.



This preview shows how white text looks on a background with the Hex color 6D5C87.

# 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**  
6D5C87

**Protanopia**  
57628C

**Deuteranopia**  
5B6286



**Tritanopia**  
68626A

# Trichromacy



**Original Color**  
6D5C87

**Protanomaly**  
5F608A

**Deuteranomaly**  
626086

**Tritanomaly**  
6A6075

# Monochromacy



**Original Color**  
6D5C87

**Achromatopsia**  
666666

**Achromatomaly**  
696272

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D5C87 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 #6D5C87 looks like.

```
.text, #text, p{  
    color:#6D5C87  
}
```

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 #6D5C87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D5C87
}
```

## Border

The CSS property to change the border of an element to Hex 6D5C87 is called "border". The border property can be set on classes, ids or directly on the HTML element.

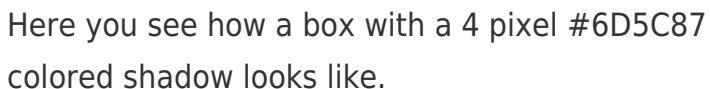
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D5C87 }
```

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

```
.border{ border-color:#6D5C87 }
```

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



Here you see how a box with a 4 pixel #6D5C87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D5C87; -webkit-box-shadow:4px 4px  
4px 4px #6D5C87; box-shadow:4px 4px 4px  
4px #6D5C87 }
```

# Background

The CSS property to change the background color of an element to Hex 6D5C87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D5C87 }
```

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

```
.background{ background-color:#6D5C87 }
```

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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