

# Converting Colors

Hex(6D2C81)

Have a look what the booklet for  
Hex(6D2C81) contains.

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# Color

**Hex(6D2C81)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6D2C81
RGB	109, 44, 129
RGB Percent	43%, 17%, 51%
CMY	0.5725, 0.8275, 0.4941
CMYK	0.16, 0.66, 0.00, 0.49
HSL	286°, 49%, 34%
HSV	286°, 66%, 51%
XYZ	11.1698, 6.6376, 21.4613
YIQ	73.1250, 11.4550, 40.2150

# Conversions

## Conversions Part 2

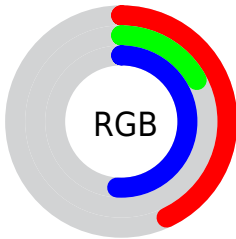
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	109, 44, 129
Decimal	7154817
CIE <sub>Lab</sub>	30.97, 42.47, -35.42
CIE <sub>LCh</sub>	31, 55.295, 320.172
Yxy	6.6376, 0.2844, 0.1690
Android (android.graphics.Color)	4285344897 (0xFF6D2C81)
YUV	73.1250, 27.5464, 31.4624
Hunter-Lab	25.7634, 32.3031, -31.3550

# Details

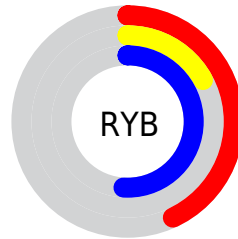
The Hex color **6D2C81** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **40812C**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **A35EB6**, and **3A004F** is the 20% darker color. If you saturate the color by 10%, you get **6A1F81**, and if you desaturate by 10%, it is **703981**.

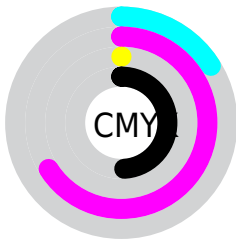
# Distribution



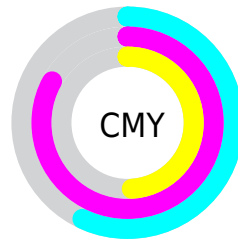
- Red (43%)
- Green (17%)
- Blue (51%)



- Red (43%)
- Yellow (17%)
- Blue (51%)



- Cyan (16%)
- Magenta (66%)
- Yellow (0%)
- Black (49%)



- Cyan (57%)
- Magenta (83%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D2C81 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 6D2C81 by changing the saturation by 10% instead.



6D2C81

6D2C81

FFFFFF

531168

A35EB6

3A004F

BF78D2

240038

DB93EF

000021

F8AEFF

000006

FFCAFF

000000

FFE6FF

6D2C81

6D2C81

6A1F81

703981

671281

734681

640581

765381

630081

796081

7C6D81

7F7981

828681

859381

88A081

# Harmonies

## Analogous

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



13449B



6D2C81



8D0C59

# Triad

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



6D2C81



664200



005B66

# Complementary

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



6D2C81



40812C

# 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.



005A39



6D2C81



3F4F00

# Square

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



6D2C81



832C01



005706



00598B

# Rectangle

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



6D2C81



93063C



005706



005B57



# Sweetspot

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



6D2C81



A087A8



2C4181



4F4054



D4D4D4



545454



# Same Dimension

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



6D2C81



8923A8



812C6C



3E3940



620080



000000



# Inverse Universe

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



812C40



A82343



2C8141



40393B



80001E



000000



# Previews

## White Background



This preview shows how the Hex color 6D2C81 looks on a white background.

## Color Contrast Check

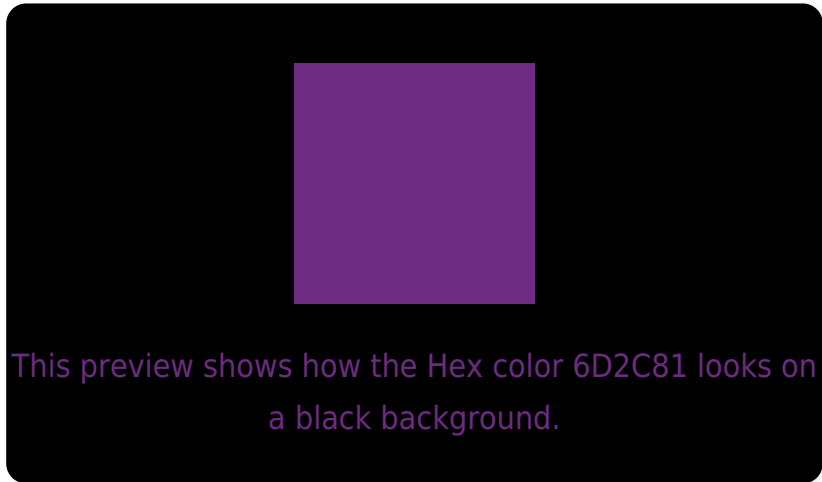
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

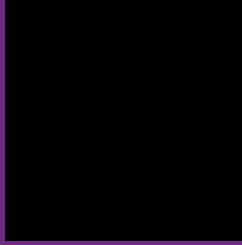
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6D2C81 Background



This preview shows how black text looks on a background with the Hex color 6D2C81.



This preview shows how white text looks on a background with the Hex color 6D2C81.

# 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





**Tritanopia**  
643F44

# Trichromacy



**Original Color**  
6D2C81



**Protanomaly**  
283D8F



**Deuteranomaly**  
403F7E



**Tritanomaly**  
67385A

# Monochromacy



**Original Color**  
6D2C81



**Achromatopsia**  
494949



**Achromatomaly**  
563E5D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D2C81 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 #6D2C81 looks like.

```
.text, #text, p{  
    color:#6D2C81  
}
```

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 #6D2C81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D2C81
}
```

## Border

The CSS property to change the border of an element to Hex 6D2C81 is called "border". The border property can be set on classes, ids or directly on the HTML element.

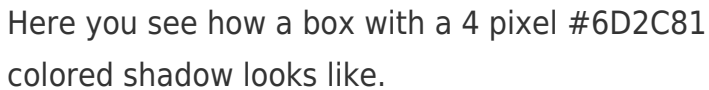
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D2C81 }
```

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

```
.border{ border-color:#6D2C81 }
```

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



Here you see how a box with a 4 pixel #6D2C81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D2C81; -webkit-box-shadow:4px 4px  
4px 4px #6D2C81; box-shadow:4px 4px 4px  
4px #6D2C81 }
```

# Background

The CSS property to change the background color of an element to Hex 6D2C81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D2C81 }
```

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

```
.background{ background-color:#6D2C81 }
```

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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