

Converting Colors

Hex(6D2C9F)

Have a look what the booklet for
Hex(6D2C9F) contains.

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Color

Hex(6D2C9F)

Conversions

Conversions Part 1

Format	Color
Hex	6D2C9F
RGB	109, 44, 159
RGB Percent	43%, 17%, 62%
CMY	0.5725, 0.8275, 0.3765
CMYK	0.31, 0.72, 0.00, 0.38
HSL	274°, 57%, 40%
HSV	274°, 72%, 62%
XYZ	13.4654, 7.5558, 33.5496
YIQ	76.5450, 1.8250, 49.5450

Conversions

Conversions Part 2

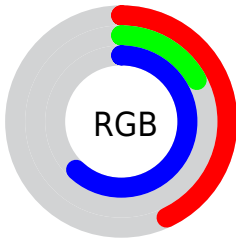
Format	Color
RYB	109, 44, 159
Decimal	7154847
CIELab	33.04, 49.27, -50.53
CIELCh	33, 70.579, 314.277
Yxy	7.5558, 0.2468, 0.1385
Android (android.graphics.Color)	4285344927 (0xFF6D2C9F)
YUV	76.5450, 40.6503, 28.4630
Hunter-Lab	27.4878, 39.3377, -53.1237

Details

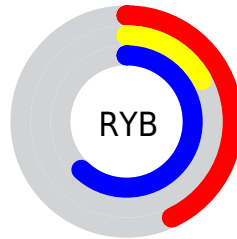
The Hex color **6D2C9F** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **5E9F2C**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **A45FD7**, and **37006A** is the 20% darker color. If you saturate the color by 10%, you get **661C9F**, and if you desaturate by 10%, it is **743C9F**.

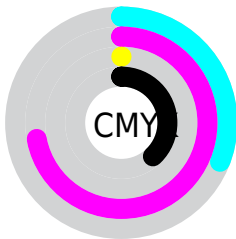
Distribution



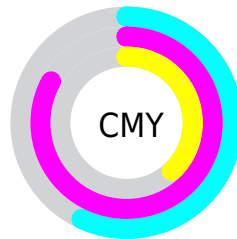
- Red (43%)
- Green (17%)
- Blue (62%)



- Red (43%)
- Yellow (17%)
- Blue (62%)



- Cyan (31%)
- Magenta (72%)
- Yellow (0%)
- Black (38%)



- Cyan (57%)
- Magenta (83%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D2C9F 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 6D2C9F by changing the saturation by 10% instead.

6D2C9F

6D2C9F

FFFFFF

520F84

A45FD7

37006A

C17AF3

1C0052

DE94FF

00003A

FBB0FF

000223

FFCCFF

00000A

FFE9FF

000000

6D2C9F

6D2C9F

661C9F

743C9F

■ 5F0C9F

■ 7B4C9F

■ 5A009F

■ 825C9F

■ 896C9F

■ 907B9F

■ 968B9F

■ 9D9B9F

■ A4AB9F

■ ABBB9F

Harmonies

Analogous

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



004DBC



6D2C9F



9F006D

Triad

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



6D2C9F



774000



006468

Complementary

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



6D2C9F



5E9F2C

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.



00622D



6D2C9F



475400

Square

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



6D2C9F



9A1900



005D00



00639C

Rectangle

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



6D2C9F



AA0049



005D00



006355

Sweetspot

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



6D2C9F



BBA1CF



2C609F



5D4D69



E8E8E8



696969

Same Dimension

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



6D2C9F



801BCF



9F2C99



4C474F



51008F



09000F

Inverse Universe

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



9F2C5E



CF1B69



2C9F32



4F474B



8F003E



0F0007

Previews

White Background



This preview shows how the Hex color 6D2C9F looks on a white background.

Color Contrast Check

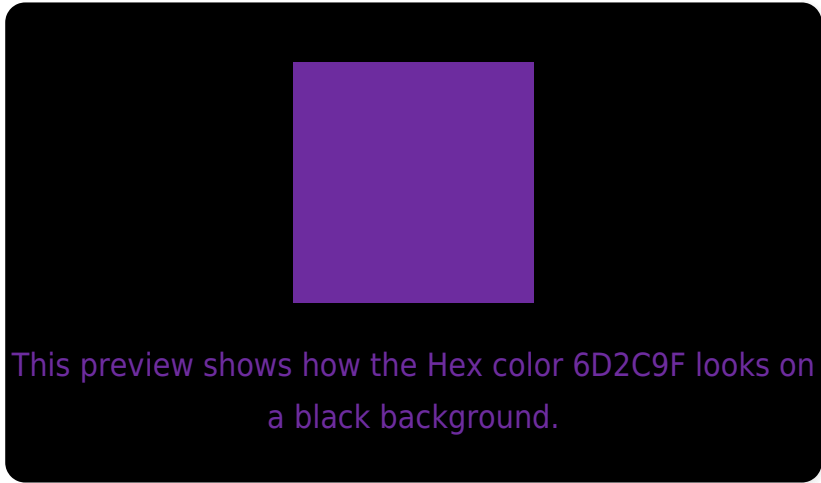
Large Text (above 18pt) WCAG AA ✓ Pass

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

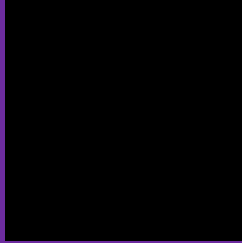
Any Text WCAG AA × Fail

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 6D2C9F Background



This preview shows how black text looks on a background with the Hex color 6D2C9F.



This preview shows how white text looks on a background with the Hex color 6D2C9F.

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
5E484E

Trichromacy



Original Color
6D2C9F



Protanomaly
2840A0



Deuteranomaly
284393



Tritanomaly
633E6B

Monochromacy



Original Color
6D2C9F



Achromatopsia
4D4D4D



Achromatomaly
59416B

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D2C9F 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 #6D2C9F looks like.

```
.text, #text, p{  
    color:#6D2C9F  
}
```

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 #6D2C9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D2C9F
}
```

Border

The CSS property to change the border of an element to Hex 6D2C9F is called "border". The border property can be set on classes, ids or directly on the HTML element.

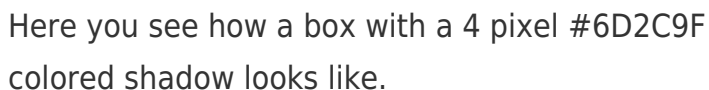
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D2C9F }
```

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

```
.border{ border-color:#6D2C9F }
```

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



Here you see how a box with a 4 pixel #6D2C9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D2C9F; -webkit-box-shadow:4px 4px  
4px 4px #6D2C9F; box-shadow:4px 4px 4px  
4px #6D2C9F }
```

Background

The CSS property to change the background color of an element to Hex 6D2C9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D2C9F }
```

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

```
.background{ background-color:#6D2C9F }
```

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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