

Converting Colors

Hex(6D2980)

Have a look what the booklet for
Hex(6D2980) contains.

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Color

Hex(6D2980)

Conversions

Conversions Part 1

Format	Color
Hex	6D2980
RGB	109, 41, 128
RGB Percent	43%, 16%, 50%
CMY	0.5725, 0.8392, 0.4980
CMYK	0.15, 0.68, 0.00, 0.50
HSL	287°, 51%, 33%
HSV	287°, 68%, 50%
XYZ	10.9959, 6.3956, 21.0770
YIQ	71.2500, 12.6010, 41.4730

Conversions

Conversions Part 2

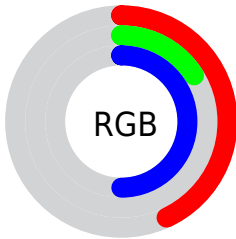
Format	Color
R_{YB}	109, 41, 128
Decimal	7154048
CIE _{Lab}	30.39, 43.68, -35.71
CIE _{LCh}	30, 56.419, 320.729
Yxy	6.3956, 0.2858, 0.1663
Android (android.graphics.Color)	4285344128 (0xFF6D2980)
YUV	71.2500, 27.9778, 33.1067
Hunter-Lab	25.2895, 33.3552, -31.7113

Details

The Hex color **6D2980** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **3C8029**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **A35CB5**, and **3A004E** is the 20% darker color. If you saturate the color by 10%, you get **6A1C80**, and if you desaturate by 10%, it is **703680**.

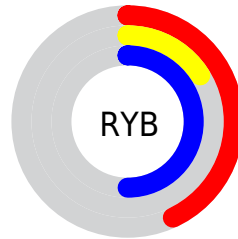
Distribution



Red (43%)

Green (16%)

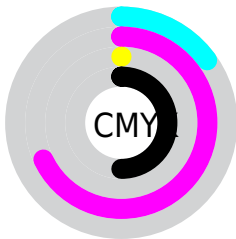
Blue (50%)



Red (43%)

Yellow (16%)

Blue (50%)

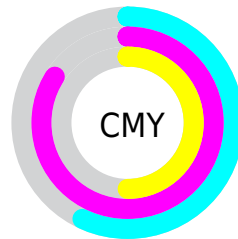


Cyan (15%)

Magenta (68%)

Yellow (0%)

Black (50%)



Cyan (57%)

Magenta (84%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D2980 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 6D2980 by changing the saturation by 10% instead.

 6D2980

 6D2980

FFFFFF

 530D67

 A35CB5

 3A004E

 BF76D1

 250037

 DC90EE

 000020

 F9ABFF

 000005

 FFC7FF

 000000

 FFE4FF

 6D2980

 6D2980

 6A1C80

 703680

670F80

734380

650380

754F80

640080

785C80

7B6980

7E7680

818380

838F80

869C80

Harmonies

Analogous

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



10429B



6D2980



8D0357

Triad

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



6D2980



644100



005A66

Complementary

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



6D2980



3C8029

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.



005938



6D2980



3C4E00

Square

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



6D2980



812B00



005603



00588C

Rectangle

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



6D2980



92003A



005603



005A57

Sweetspot

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



6D2980



9F85A6



293D80



504054



D4D4D4



545454

Same Dimension

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



6D2980



881EA6



802969



3E3940



640080



000000

Inverse Universe

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



80293C



A61E3C



298040



40393B



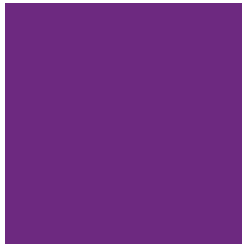
80001C



000000

Previews

White Background



This preview shows how the Hex color 6D2980 looks on a white background.

Color Contrast Check

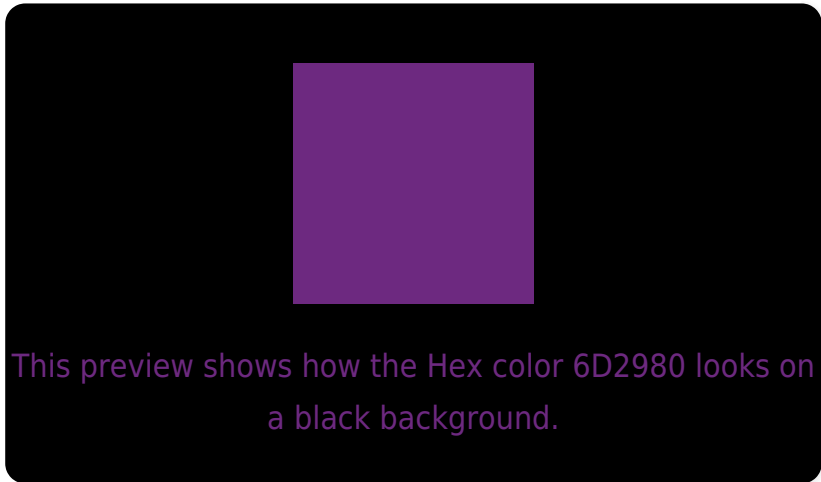
Large Text (above 18pt) WCAG AA ✓ Pass

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

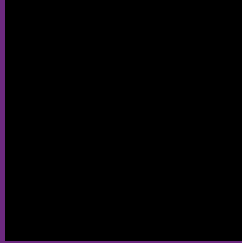
Any Text WCAG AA × Fail

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 6D2980 Background



This preview shows how black text looks on a background with the Hex color 6D2980.



This preview shows how white text looks on a background with the Hex color 6D2980.

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
643D42

Trichromacy



Original Color
6D2980



Protanomaly
283B8D



Deuteranomaly
3F3D7C



Tritanomaly
673659

Monochromacy



Original Color
6D2980



Achromatopsia
474747



Achromatomaly
553C5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D2980 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 #6D2980 looks like.

```
.text, #text, p{  
    color:#6D2980  
}
```

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 #6D2980 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D2980
}
```

Border

The CSS property to change the border of an element to Hex 6D2980 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
#6D2980 }
```

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

```
.border{ border-color:#6D2980 }
```

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

Here you see how a box with a 4 pixel #6D2980 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D2980; -webkit-box-shadow:4px 4px  
4px 4px #6D2980; box-shadow:4px 4px 4px  
4px #6D2980 }
```

Background

The CSS property to change the background color of an element to Hex 6D2980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D2980 }
```

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

```
.background{ background-color:#6D2980 }
```

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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