

Converting Colors

Hex(6D2A72)

Have a look what the booklet for
Hex(6D2A72) contains.

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Color

Hex(6D2A72)

Conversions

Conversions Part 1

Format	Color
Hex	6D2A72
RGB	109, 42, 114
RGB Percent	43%, 16%, 45%
CMY	0.5725, 0.8353, 0.5529
CMYK	0.04, 0.63, 0.00, 0.55
HSL	296°, 46%, 31%
HSV	296°, 63%, 45%
XYZ	10.1719, 6.1220, 16.5651
YIQ	70.2410, 16.8200, 36.5960

Conversions

Conversions Part 2

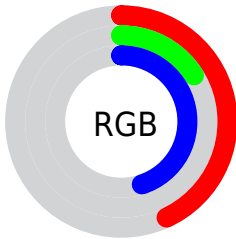
Format	Color
R_{YB}	109, 42, 114
Decimal	7154290
CIE _{Lab}	29.72, 40.33, -27.94
CIE _{LCh}	30, 49.061, 325.280
Yxy	6.1220, 0.3096, 0.1863
Android (android.graphics.Color)	4285344370 (0xFF6D2A72)
YUV	70.2410, 21.5732, 33.9916
Hunter-Lab	24.7428, 30.0826, -22.3744




Details

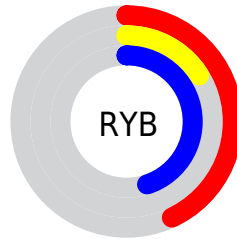
The Hex color **6D2A72** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2F722A**, and the grayscale version is **464646**.




A 20% lighter version of the original color is **A35CA6**, and **3A0041** is the 20% darker color. If you saturate the color by 10%, you get **6C1F72**, and if you desaturate by 10%, it is **6E3572**.

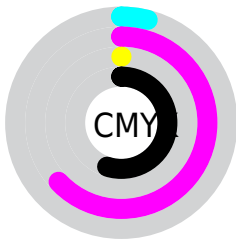
Distribution







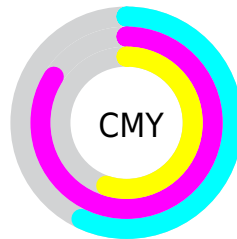
-  Red (43%)
-  Green (16%)
-  Blue (45%)






-  Red (43%)
-  Yellow (16%)
-  Blue (45%)



-  Cyan (4%)
-  Magenta (63%)
-  Yellow (0%)
-  Black (55%)



-  Cyan (57%)
-  Magenta (84%)
-  Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D2A72 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 6D2A72 by changing the saturation by 10% instead.

6D2A72

6D2A72

FFFFFF

530F59

A35CA6

3A0041

BE76C2

26002B

DB90DE

000115

F8ACFA

000000

FFC7FF

FFE4FF

6D2A72

6D2A72

6C1F72

6E3572

6B1372

6F4172

6B0872

6F4C72

6A0072

705872

716372

726E72

737A72

738572

749172

Harmonies

Analogous

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



343F8C



6D2A72



85174E

Triad

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



6D2A72



5B4200



005766

Complementary

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



6D2A72



2F722A

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.



00563F



6D2A72



374D00

Square

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



6D2A72



763101



005316



005485

Rectangle

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



6D2A72



881834



005316



005759

Sweetspot

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



6D2A72



927894



2A3072



49394A



C9C9C9



4A4A4A

Same Dimension

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



6D2A72



8C2394



722A54



383238



700078



E600F7

Inverse Universe

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



722A2F



94232B



2A7248



383233



780008



F70011

Previews

White Background



This preview shows how the Hex color 6D2A72 looks on a white background.

Color Contrast Check

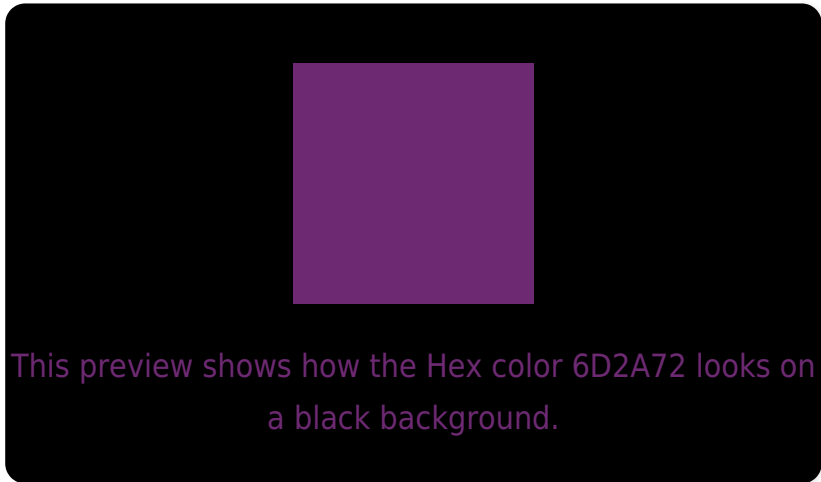
Large Text (above 18pt) WCAG AA ✓ Pass

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

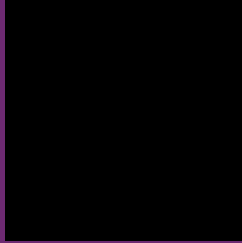
Any Text WCAG AA × Fail

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 6D2A72 Background



This preview shows how black text looks on a background with the Hex color 6D2A72.



This preview shows how white text looks on a background with the Hex color 6D2A72.

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
6D2A72

Protanopia
1B458B

Deuteranopia
34476D



Tritanopia
67393E

Trichromacy



Original Color
6D2A72



Protanomaly
393B82



Deuteranomaly
493C6F



Tritanomaly
693451

Monochromacy



Original Color
6D2A72



Achromatopsia
464646



Achromatomaly
543C56

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D2A72 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 #6D2A72 looks like.

```
.text, #text, p{  
    color:#6D2A72  
}
```

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 #6D2A72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D2A72
}
```

Border

The CSS property to change the border of an element to Hex 6D2A72 is called "border". The border property can be set on classes, ids or directly on the HTML element.

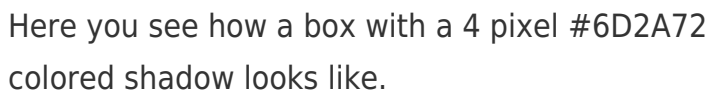
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D2A72 }
```

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

```
.border{ border-color:#6D2A72 }
```

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



Here you see how a box with a 4 pixel #6D2A72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D2A72; -webkit-box-shadow:4px 4px  
4px 4px #6D2A72; box-shadow:4px 4px 4px  
4px #6D2A72 }
```

Background

The CSS property to change the background color of an element to Hex 6D2A72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D2A72 }
```

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

```
.background{ background-color:#6D2A72 }
```

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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