

Converting Colors

Hex(6D257A)

Have a look what the booklet for
Hex(6D257A) contains.

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Color

Hex(6D257A)

Conversions

Conversions Part 1

Format	Color
Hex	6D257A
RGB	109, 37, 122
RGB Percent	43%, 15%, 48%
CMY	0.5725, 0.8549, 0.5216
CMYK	0.11, 0.70, 0.00, 0.52
HSL	291°, 53%, 31%
HSV	291°, 70%, 48%
XYZ	10.4811, 5.9795, 19.0141
YIQ	68.2180, 15.6270, 41.6990

Conversions

Conversions Part 2

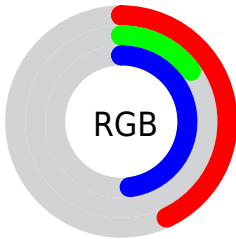
Format	Color
R_{YB}	109, 37, 122
Decimal	7153018
CIE _{Lab}	29.36, 44.25, -33.58
CIE _{LCh}	29, 55.549, 322.804
Yxy	5.9795, 0.2955, 0.1686
Android (android.graphics.Color)	4285343098 (0xFF6D257A)
YUV	68.2180, 26.5145, 35.7658
Hunter-Lab	24.4530, 33.7163, -28.9855

Details

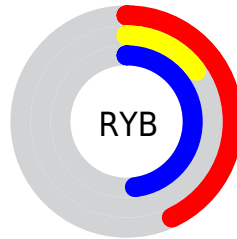
The Hex color **6D257A** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **327A25**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **A358AF**, and **3A0049** is the 20% darker color. If you saturate the color by 10%, you get **6B197A**, and if you desaturate by 10%, it is **6F317A**.

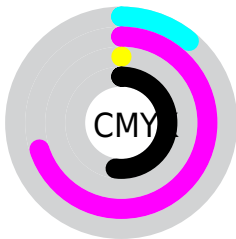
Distribution



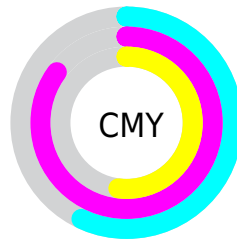
- Red (43%)
- Green (15%)
- Blue (48%)



- Red (43%)
- Yellow (15%)
- Blue (48%)



- Cyan (11%)
- Magenta (70%)
- Yellow (0%)
- Black (52%)



- Cyan (57%)
- Magenta (85%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D257A 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 6D257A by changing the saturation by 10% instead.

 6D257A

 6D257A

FFFFFF

 530661

 A358AF

 3A0049

 BF72CB

 250032

 DC8DE7

 00011C

 F9A8FF

 000000

 FFC4FF

 FFE0FF

 FFFDFF

 6D257A

 6D257A

■ 6B197A

■ 6F317A

■ 690D7A

■ 713D7A

■ 67007A

■ 734A7A

■ 74567A

■ 76627A

■ 786E7A

■ 7A7A7A

■ 7C877A

■ 7E937A

Harmonies

Analogous

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



1E3F96



6D257A



8A0052

Triad

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



6D257A



5E4000



005766

Complementary

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



6D257A



327A25

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.



005639



6D257A



374D00

Square

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



6D257A



7C2B00



005307



00558A

Rectangle

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



6D257A



8E0035



005307



005757

Sweetspot

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



6D257A



997D9E



25337A



4C3B4F



CFCFCF



4F4F4F

Same Dimension

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



6D257A



8A199E



7A255E



3C373D



6A007D



D600FC

Inverse Universe

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



7A2532



9E192E



257A41



3D3738



7D0013



FC0027

Previews

White Background



This preview shows how the Hex color 6D257A 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

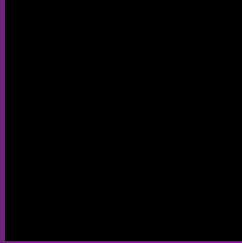
Any Text WCAG AA × Fail

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 6D257A Background



This preview shows how black text looks on a background with the Hex color 6D257A.

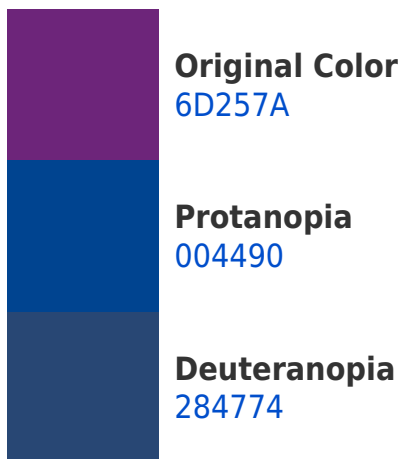



This preview shows how white text looks on a background with the Hex color 6D257A.

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
65393D

Trichromacy



Original Color
6D257A



Protanomaly
283988



Deuteranomaly
413B76

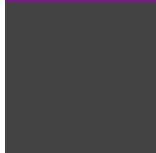


Tritanomaly
683253

Monochromacy



Original Color
6D257A



Achromatopsia
444444



Achromatomaly
533958

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D257A 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 #6D257A looks like.

```
.text, #text, p{  
    color:#6D257A  
}
```

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 #6D257A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D257A
}
```

Border

The CSS property to change the border of an element to Hex 6D257A is called "border". The border property can be set on classes, ids or directly on the HTML element.

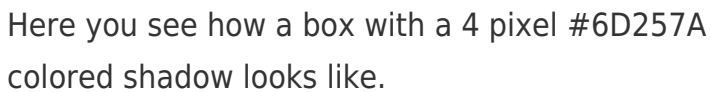
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D257A }
```

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

```
.border{ border-color:#6D257A }
```

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



Here you see how a box with a 4 pixel #6D257A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D257A; -webkit-box-shadow:4px 4px  
4px 4px #6D257A; box-shadow:4px 4px 4px  
4px #6D257A }
```

Background

The CSS property to change the background color of an element to Hex 6D257A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D257A }
```

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

```
.background{ background-color:#6D257A }
```

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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