

Converting Colors

Hex(6A4A7D)

Have a look what the booklet for
Hex(6A4A7D) contains.

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Color

Hex(6A4A7D)

Conversions

Conversions Part 1

Format	Color
Hex	6A4A7D
RGB	106, 74, 125
RGB Percent	42%, 29%, 49%
CMY	0.5843, 0.7098, 0.5098
CMYK	0.15, 0.41, 0.00, 0.51
HSL	278°, 26%, 39%
HSV	278°, 41%, 49%
XYZ	12.0943, 9.4424, 20.5872
YIQ	89.3820, 2.7010, 22.6450

Conversions

Conversions Part 2

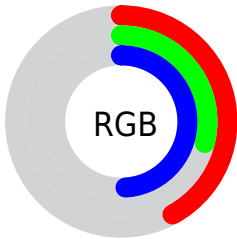
Format	Color
R_{YB}	106, 74, 125
Decimal	6965885
CIE _{Lab}	36.82, 23.81, -23.72
CIE _{LCh}	37, 33.604, 315.105
Y _{xy}	9.4424, 0.2871, 0.2242
Android (android.graphics.Color)	4285155965 (0xFF6A4A7D)
Y _{UV}	89.3820, 17.5597, 14.5740
Hunter-Lab	30.7285, 16.4803, -18.2126

Details

The Hex color **6A4A7D** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **5D7D4A**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **9E7BB2**, and **391D4C** is the 20% darker color. If you saturate the color by 10%, you get **653E7D**, and if you desaturate by 10%, it is **6F577D**.

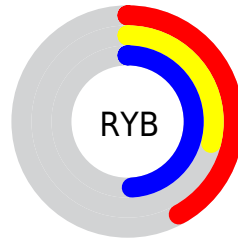
Distribution



Red (42%)

Green (29%)

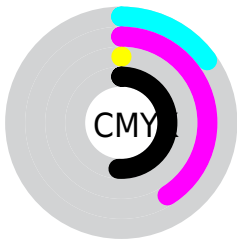
Blue (49%)



Red (42%)

Yellow (29%)

Blue (49%)

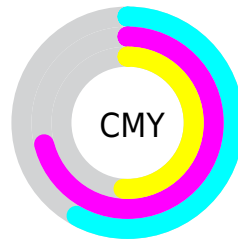


Cyan (15%)

Magenta (41%)

Yellow (0%)

Black (51%)



Cyan (58%)

Magenta (71%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A4A7D 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 6A4A7D by changing the saturation by 10% instead.

6A4A7D

6A4A7D

FFFFFF

513364

9E7BB2

391D4C

B995CD

220735

D5B0EA

05001F

F2CCFF

000002

FFE8FF

000000

6A4A7D

6A4A7D

653E7D

6F577D

61317D

73637D

5C257D

78707D

57187D

7D7C7D

530C7D

81897D

4E007D

86957D

8BA27D

8FAE7D

94BB7D

Harmonies

Analogous

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



41558B



6A4A7D



824165

Triad

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



6A4A7D



715021



006464

Complementary

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



6A4A7D



5D7D4A

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.



006348



6A4A7D



595920

Square

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



6A4A7D



834631



3A602F



00627C

Rectangle

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



6A4A7D



883F53



3A602F



00645B

Sweetspot

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



6A4A7D



9C90A3



4A5E7D



4D4652



D1D1D1



525252

Same Dimension

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



6A4A7D



8553A3



7D4A77



3D3940



500080



000000

Inverse Universe

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



7D4A5D



A35371



4A7D50



40393C



80002F



000000

Previews

White Background



This preview shows how the Hex color 6A4A7D looks on a white background.

Color Contrast Check

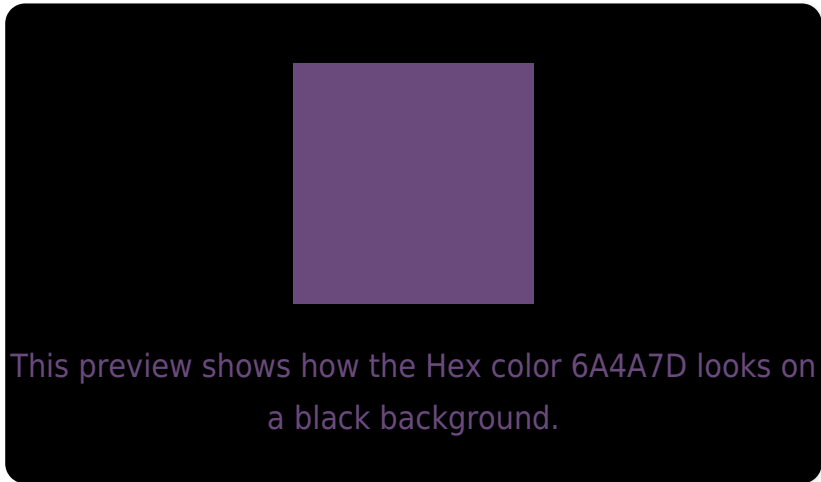
Large Text (above 18pt) WCAG AA ✓ Pass

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

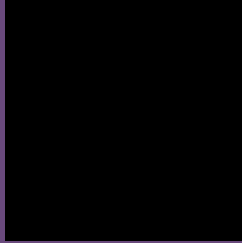
Any Text WCAG AA × Fail

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 6A4A7D Background



This preview shows how black text looks on a background with the Hex color 6A4A7D.



This preview shows how white text looks on a background with the Hex color 6A4A7D.

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
6A4A7D

Protanopia
455586

Deuteranopia
4A567B



Tritanopia
645258

Trichromacy



Original Color
6A4A7D

Protanomaly
525183

Deuteranomaly
56527C

Tritanomaly
664F65

Monochromacy



Original Color
6A4A7D

Achromatopsia
595959

Achromatomaly
5F5466

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A4A7D 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 #6A4A7D looks like.

```
.text, #text, p{  
    color:#6A4A7D  
}
```

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 #6A4A7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A4A7D  
}
```

Border

The CSS property to change the border of an element to Hex 6A4A7D is called "border". The border property can be set on classes, ids or directly on the HTML element.

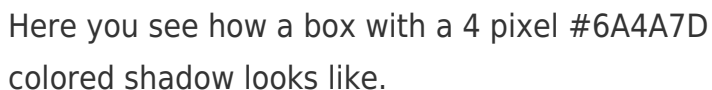
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6A4A7D }
```

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

```
.border{ border-color:#6A4A7D }
```

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



Here you see how a box with a 4 pixel #6A4A7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A4A7D; -webkit-box-shadow:4px 4px  
4px 4px #6A4A7D; box-shadow:4px 4px 4px  
4px #6A4A7D }
```

Background

The CSS property to change the background color of an element to Hex 6A4A7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A4A7D }
```

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

```
.background{ background-color:#6A4A7D }
```

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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