

# Converting Colors

Hex(6A447B)

Have a look what the booklet for  
Hex(6A447B) contains.

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# Color

**Hex(6A447B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6A447B
RGB	106, 68, 123
RGB Percent	42%, 27%, 48%
CMY	0.5843, 0.7333, 0.5176
CMYK	0.14, 0.45, 0.00, 0.52
HSL	281°, 29%, 37%
HSV	281°, 45%, 48%
XYZ	11.5861, 8.6285, 19.7937
YIQ	85.6320, 4.9930, 25.1610

# Conversions

## Conversions Part 2

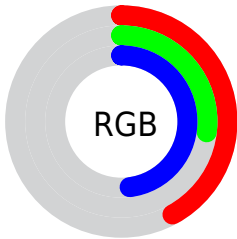
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">106, 68, 123</a>
Decimal	<a href="#">6964347</a>
CIELab	<a href="#">35.26, 26.97, -24.92</a>
CIELCh	<a href="#">35, 36.721, 317.265</a>
Yxy	<a href="#">8.6285, 0.2896, 0.2157</a>
Android (android.graphics.Color)	<a href="#">4285154427 (0xFF6A447B)</a>
YUV	<a href="#">85.6320, 18.4224, 17.8627</a>
Hunter-Lab	<a href="#">29.3743, 19.0010, -19.3903</a>

# Details

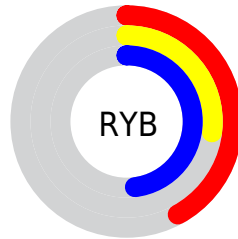
The Hex color **6A447B** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **557B44**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **9E75B0**, and **39174A** is the 20% darker color. If you saturate the color by 10%, you get **66387B**, and if you desaturate by 10%, it is **6E507B**.

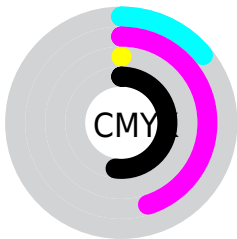
# Distribution



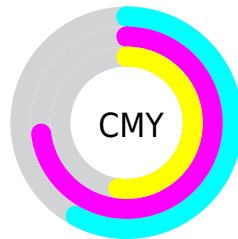
- Red (42%)
- Green (27%)
- Blue (48%)



- Red (42%)
- Yellow (27%)
- Blue (48%)



- Cyan (14%)
- Magenta (45%)
- Yellow (0%)
- Black (52%)



- Cyan (58%)
- Magenta (73%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A447B 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 6A447B by changing the saturation by 10% instead.





6A447B



6A447B

FFFFFF



512D62



9E75B0



39174A



BA8FCB



220033



D6AAE8



00001D



F2C5FF



000000



FFE1FF

FFFEFF



6A447B



6A447B



66387B



6E507B

622B7B

725D7B

5F1F7B

75697B

5B137B

79757B

57077B

7D827B

55007B

818E7B

859A7B

88A67B

8CB37B

# Harmonies

## Analogous

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



3D508B



6A447B



823A61

# Triad

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



6A447B



6D4D17



006163

# Complementary

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



6A447B



557B44

# 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.



006045



6A447B



525716

# Square

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



6A447B



814229



305D29



005F7D

# Rectangle

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



6A447B



88384D



305D29



006159



# Sweetspot

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



6A447B



9A8CA1



44557B



4E4552



D1D1D1



525252



# Same Dimension

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



6A447B



864AA1



7B4471



3B373D



56007D



AE00FC



# Inverse Universe

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



7B4455



A14A65



447B4E



3D3739



7D0027



FC004E



# Previews

## White Background



This preview shows how the Hex color 6A447B looks on a white background.

## Color Contrast Check

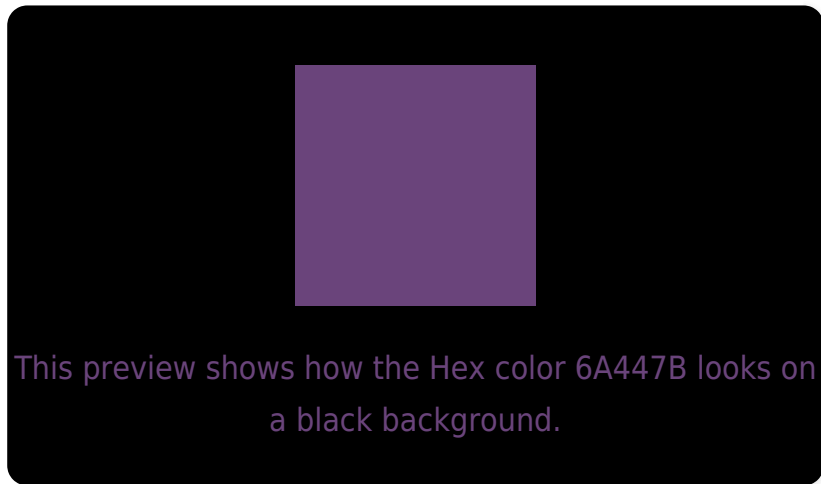
Large Text (above 18pt) WCAG AA ✓ Pass

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

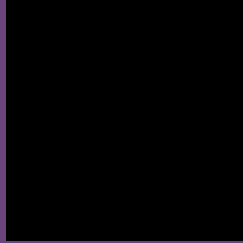
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6A447B Background



This preview shows how black text looks on a background with the Hex color 6A447B.



This preview shows how white text looks on a background with the Hex color 6A447B.

# 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**  
6A447B

**Protanopia**  
3E5287

**Deuteranopia**  
455378



**Tritanopia**  
644D53

# Trichromacy



**Original Color**  
6A447B

**Protanomaly**  
4E4D83

**Deuteranomaly**  
524E79

**Tritanomaly**  
664A62

# Monochromacy



**Original Color**  
6A447B

**Achromatopsia**  
565656

**Achromatomaly**  
5D4F63

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A447B 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 #6A447B looks like.

```
.text, #text, p{  
    color:#6A447B  
}
```

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 #6A447B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A447B
}
```

## Border

The CSS property to change the border of an element to Hex 6A447B is called "border". The border property can be set on classes, ids or directly on the HTML element.

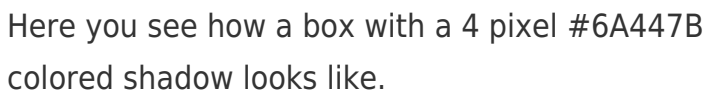
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A447B }
```

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

```
.border{ border-color:#6A447B }
```

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



Here you see how a box with a 4 pixel #6A447B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A447B; -webkit-box-shadow:4px 4px  
4px 4px #6A447B; box-shadow:4px 4px 4px  
4px #6A447B }
```

# Background

The CSS property to change the background color of an element to Hex 6A447B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A447B }
```

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

```
.background{ background-color:#6A447B }
```

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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