

# Converting Colors

Hex(6A448D)

Have a look what the booklet for  
Hex(6A448D) contains.

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# Color

**Hex(6A448D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6A448D
RGB	106, 68, 141
RGB Percent	42%, 27%, 55%
CMY	0.5843, 0.7333, 0.4471
CMYK	0.25, 0.52, 0.00, 0.45
HSL	271°, 35%, 41%
HSV	271°, 52%, 55%
XYZ	12.8187, 9.1215, 26.2843
YIQ	87.6840, -0.7850, 30.7590

# Conversions

## Conversions Part 2

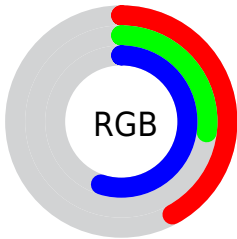
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 68, 141
Decimal	6964365
CIE <sub>Lab</sub>	36.22, 31.34, -34.50
CIE <sub>LCh</sub>	36, 46.609, 312.250
Yxy	9.1215, 0.2658, 0.1891
Android (android.graphics.Color)	4285154445 (0xFF6A448D)
YUV	87.6840, 26.2848, 16.0631
Hunter-Lab	30.2018, 22.9084, -30.4581

# Details

The Hex color **6A448D** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **678D44**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **9F75C3**, and **38165A** is the 20% darker color. If you saturate the color by 10%, you get **63368D**, and if you desaturate by 10%, it is **71528D**.

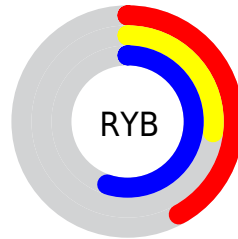
# Distribution



Red (42%)

Green (27%)

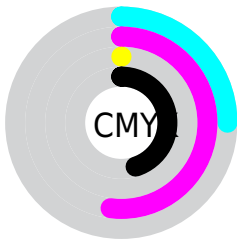
Blue (55%)



Red (42%)

Yellow (27%)

Blue (55%)

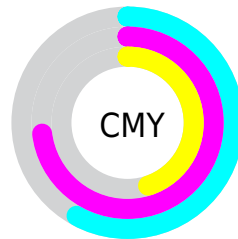


Cyan (25%)

Magenta (52%)

Yellow (0%)

Black (45%)



Cyan (58%)

Magenta (73%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A448D 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 6A448D by changing the saturation by 10% instead.



6A448D

6A448D

FFFFFF

502D73

9F75C3

38165A

BB8FDF

1F0042

D7AAFC

01002C

F4C6FF

000116

FFE2FF

000000

6A448D

6A448D

63368D

71528D

5C288D

78608D

561A8D

7E6E8D

4F0C8D

857C8D

49008D

8C8B8D

93998D

99A78D

A0B58D

A7C38D

# Harmonies

## Analogous

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



1A549F



6A448D



8D336D

# Triad

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



6A448D



794B03



006664

# Complementary

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



6A448D



678D44

# 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.



00653D



6A448D



595800

# Square

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



6A448D



903B24



2E6118



006587

# Rectangle

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



6A448D



962E54



2E6118



006657



# Sweetspot

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



6A448D



AA9AB8



44678D



534A5C



DBDBDB



5C5C5C



# Same Dimension

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



6A448D



8146B8



8D448C



444047



460087



040008



# Inverse Universe

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



8D4467



B8467C



448D45



474044



870041



080004



# Previews

## White Background



This preview shows how the Hex color 6A448D looks on a white background.

## Color Contrast Check

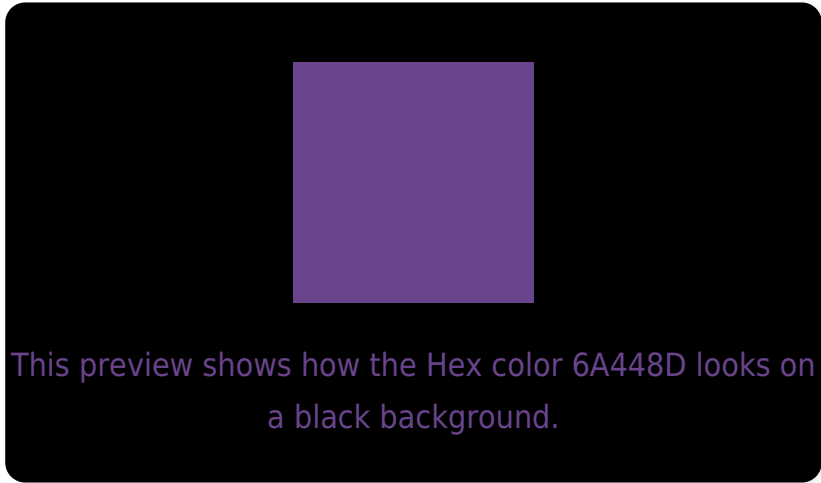
Large Text (above 18pt) WCAG AA ✓ Pass

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 6A448D Background



This preview shows how black text looks on a background with the Hex color 6A448D.

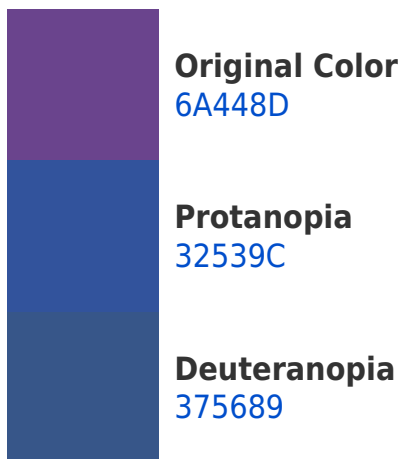


This preview shows how white text looks on a background with the Hex color 6A448D.

# 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**  
615158

# Trichromacy



**Original Color**  
6A448D

**Protanomaly**  
464E97

**Deuteranomaly**  
4A4F8A

**Tritanomaly**  
644C6B

# Monochromacy



**Original Color**  
6A448D

**Achromatopsia**  
585858

**Achromatomaly**  
5F516B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A448D 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 #6A448D looks like.

```
.text, #text, p{  
    color:#6A448D  
}
```

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 #6A448D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A448D
}
```

## Border

The CSS property to change the border of an element to Hex 6A448D is called "border". The border property can be set on classes, ids or directly on the HTML element.

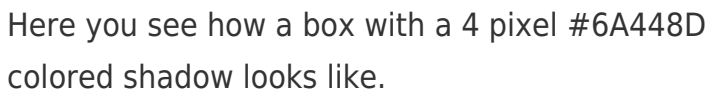
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A448D }
```

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

```
.border{ border-color:#6A448D }
```

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



Here you see how a box with a 4 pixel #6A448D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A448D; -webkit-box-shadow:4px 4px  
4px 4px #6A448D; box-shadow:4px 4px 4px  
4px #6A448D }
```

# Background

The CSS property to change the background color of an element to Hex 6A448D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A448D }
```

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

```
.background{ background-color:#6A448D }
```

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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