

Converting Colors

Hex(6D4F99)

Have a look what the booklet for
Hex(6D4F99) contains.

Hex(6D4F99)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6D4F99)

Conversions

Conversions Part 1

Format	Color
Hex	6D4F99
RGB	109, 79, 153
RGB Percent	43%, 31%, 60%
CMY	0.5725, 0.6902, 0.4000
CMYK	0.29, 0.48, 0.00, 0.40
HSL	264°, 32%, 45%
HSV	264°, 48%, 60%
XYZ	14.8524, 11.1431, 31.5050
YIQ	96.4060, -5.8740, 29.3740

Conversions

Conversions Part 2

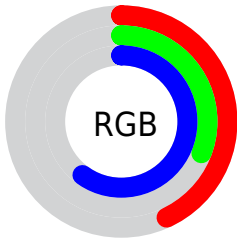
Format	Color
R_{YB}	109, 79, 153
Decimal	7163801
CIE _{Lab}	39.82, 28.71, -36.04
CIE _{LCh}	40, 46.076, 308.538
Yxy	11.1431, 0.2583, 0.1938
Android (android.graphics.Color)	4285353881 (0xFF6D4F99)
YUV	96.4060, 27.9008, 11.0449
Hunter-Lab	33.3813, 21.0034, -32.5906

Details

The Hex color **6D4F99** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **7B994F**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **A281D0**, and **3A2165** is the 20% darker color. If you saturate the color by 10%, you get **644099**, and if you desaturate by 10%, it is **765E99**.

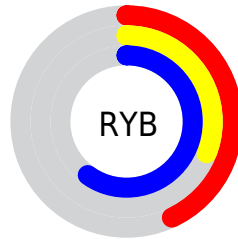
Distribution



Red (43%)

Green (31%)

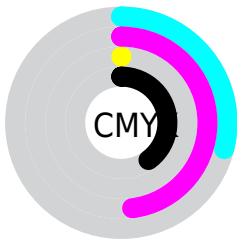
Blue (60%)



Red (43%)

Yellow (31%)

Blue (60%)

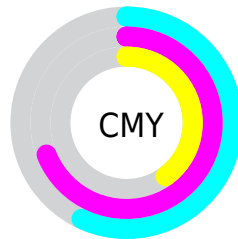


Cyan (29%)

Magenta (48%)

Yellow (0%)

Black (40%)



Cyan (57%)

Magenta (69%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D4F99 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 6D4F99 by changing the saturation by 10% instead.

6D4F99

6D4F99

FFFFFF

53387F

A281D0

3A2165

BE9BEC

210B4D

DAB6FF

0F0036

F7D2FF

000220

FFEEFF

000003

000000

6D4F99

6D4F99

644099

765E99

■ 5B3099

■ 7F6E99

■ 522199

■ 887D99

■ 491299

■ 918C99

■ 400399

■ 9A9C99

■ 3E0099

■ A4AB99

■ ADBA99

■ B6C999

■ BFD999

Harmonies

Analogous

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



175FA8



6D4F99



933F7A

Triad

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



6D4F99



865213



007068

Complementary

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



6D4F99



7B994F

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.



006E41



6D4F99



675F05

Square

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



6D4F99



9B4231



3E691E



006E8C

Rectangle

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



6D4F99



9F3961



3E691E



006F5B

Sweetspot

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



6D4F99



B5A9C7



4F7B99



595263



E3E3E3



636363

Same Dimension

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



6D4F99



8254C7



924F99



48454D



39008C



05000D

Inverse Universe

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



994F7B



C75498



56994F



4D4549



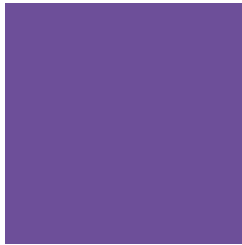
8C0053



0D0008

Previews

White Background



This preview shows how the Hex color 6D4F99 looks on a white background.

Color Contrast Check

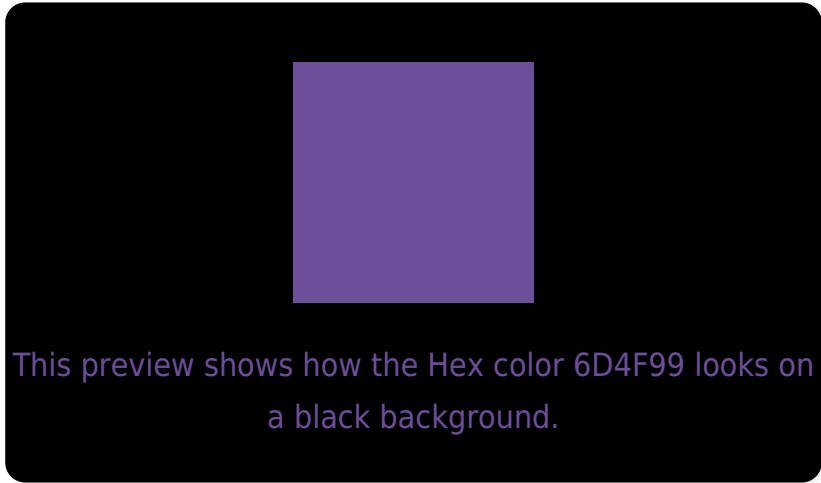
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

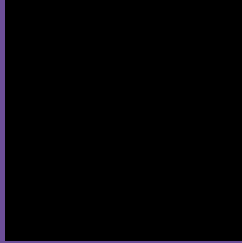
Any Text WCAG AA × Fail

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 6D4F99 Background



This preview shows how black text looks on a background with the Hex color 6D4F99.

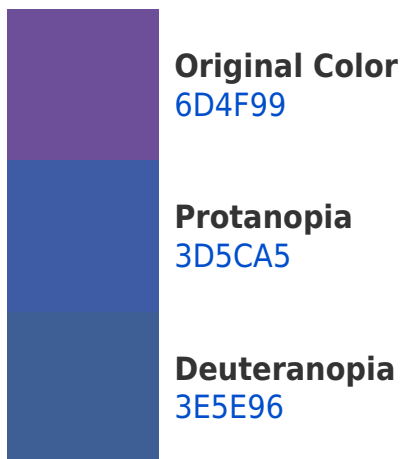



This preview shows how white text looks on a background with the Hex color 6D4F99.

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
635C63

Trichromacy



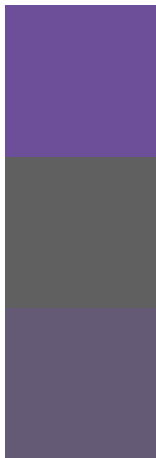
Original Color
6D4F99

Protanomaly
4E57A1

Deuteranomaly
4F5997

Tritanomaly
675777

Monochromacy



Original Color
6D4F99

Achromatopsia
606060

Achromatomaly
655A75

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D4F99 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 #6D4F99 looks like.

```
.text, #text, p{  
    color:#6D4F99  
}
```

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 #6D4F99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D4F99
}
```

Border

The CSS property to change the border of an element to Hex 6D4F99 is called "border". The border property can be set on classes, ids or directly on the HTML element.

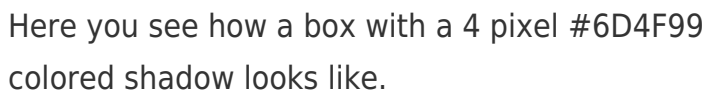
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D4F99 }
```

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

```
.border{ border-color:#6D4F99 }
```

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



Here you see how a box with a 4 pixel #6D4F99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D4F99; -webkit-box-shadow:4px 4px  
4px 4px #6D4F99; box-shadow:4px 4px 4px  
4px #6D4F99 }
```

Background

The CSS property to change the background color of an element to Hex 6D4F99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D4F99 }
```

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

```
.background{ background-color:#6D4F99 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor