

# Converting Colors

Hex(716B99)

Have a look what the booklet for  
Hex(716B99) contains.

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**Color**

**Hex(716B99)**

# Conversions

## Conversions Part 1

Format	Color
Hex	716B99
RGB	113, 107, 153
RGB Percent	44%, 42%, 60%
CMY	0.5569, 0.5804, 0.4000
CMYK	0.26, 0.30, 0.00, 0.40
HSL	248°, 18%, 51%
HSV	248°, 30%, 60%
XYZ	17.8175, 16.3260, 32.3491
YIQ	114.0380, -11.1900, 15.5780

# Conversions

## Conversions Part 2

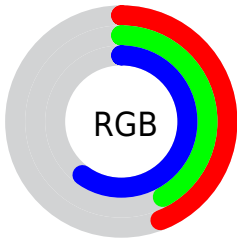
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	113, 107, 153
Decimal	7433113
CIE <sub>Lab</sub>	47.40, 12.89, -24.14
CIE <sub>LCh</sub>	47, 27.368, 298.088
Yxy	16.3260, 0.2680, 0.2455
Android (android.graphics.Color)	4285623193 (0xFF716B99)
YUV	114.0380, 19.2083, -0.9103
Hunter-Lab	40.4055, 8.0033, -19.1845

# Details

The Hex color **716B99** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **93996B**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **A69ED0**, and **403C66** is the 20% darker color. If you saturate the color by 10%, you get **645C99**, and if you desaturate by 10%, it is **7E7A99**.

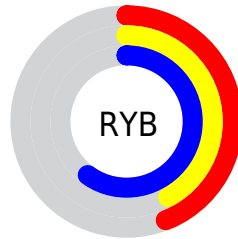
# Distribution



Red (44%)

Green (42%)

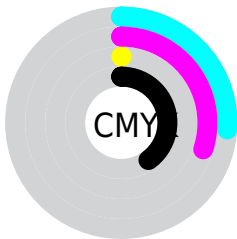
Blue (60%)



Red (44%)

Yellow (42%)

Blue (60%)

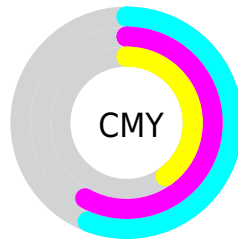


Cyan (26%)

Magenta (30%)

Yellow (0%)

Black (40%)



Cyan (56%)

Magenta (58%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 716B99 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 716B99 by changing the saturation by 10% instead.



■ 716B99

■ 716B99

FFFFFF

■ 58537F

■ A69ED0

■ 403C66

■ C1B9EC

■ 28264E

■ DDD5FF

■ 111236

■ FAF1FF

■ 000121

■ 000006

■ 000000

■ 716B99

■ 716B99

■ 645C99

■ 7E7A99

■ 564C99

■ 8C8A99

■ 493D99

■ 999999

■ 3C2E99

■ A6A899

■ 2E1E99

■ B4B899

■ 210F99

■ C1C799

■ 140099

■ CED699

■ DBE599

■ E9F599

# Harmonies

## Analogous

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



4D739E



716B99



8C6389

# Triad

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



716B99



93674A



307D6E

# Complementary

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



716B99



93996B

# 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.



4E7A57



716B99



816F42

# Square

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



716B99



9D605C



697647



127C85

# Rectangle

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



716B99



97607B



697647



3A7C66



# Sweetspot

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



716B99



B7B5C7



6B9499



5A5963



E3E3E3



636363



# Same Dimension

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



716B99



897FC7



876B99



46454D



12008C



02000D



# Inverse Universe

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



996B93



C77FBE



7D996B



4D454C



8C007A



0D000B



# Previews

## White Background



This preview shows how the Hex color 716B99 looks on a white background.

## Color Contrast Check

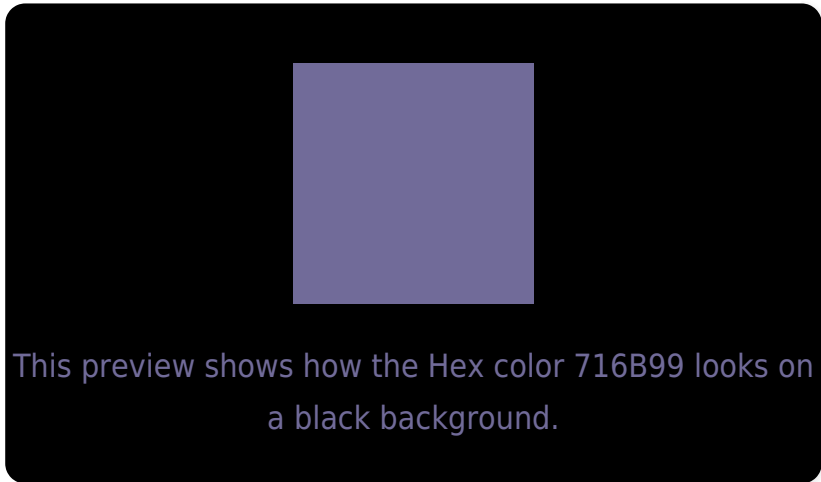
Large Text (above 18pt) WCAG AA ✓ Pass

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

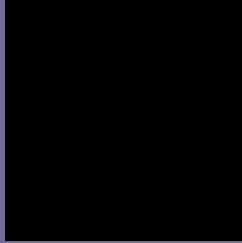
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 716B99 Background



This preview shows how black text looks on a background with the Hex color 716B99.

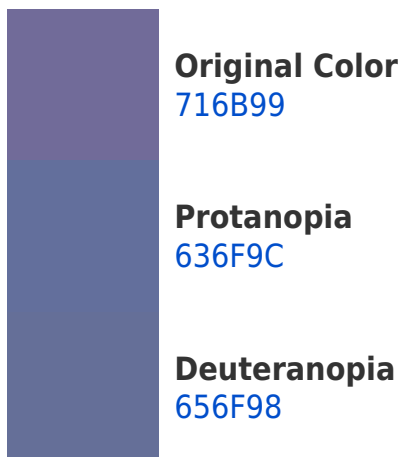


This preview shows how white text looks on a background with the Hex color 716B99.

# 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**  
6B717A

# Trichromacy



**Original Color**  
716B99

**Protanomaly**  
686E9B

**Deuteranomaly**  
696E98

**Tritanomaly**  
6D6F85

# Monochromacy



**Original Color**  
716B99

**Achromatopsia**  
727272

**Achromatomaly**  
726F80

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 716B99 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 #716B99 looks like.

```
.text, #text, p{  
    color:#716B99  
}
```

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 #716B99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #716B99
}
```

## Border

The CSS property to change the border of an element to Hex 716B99 is called "border". The border property can be set on classes, ids or directly on the HTML element.

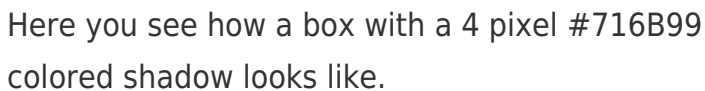
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#716B99 }
```

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

```
.border{ border-color:#716B99 }
```

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



Here you see how a box with a 4 pixel #716B99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #716B99; -webkit-box-shadow:4px 4px  
4px 4px #716B99; box-shadow:4px 4px 4px  
4px #716B99 }
```

# Background

The CSS property to change the background color of an element to Hex 716B99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#716B99 }
```

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

```
.background{ background-color:#716B99 }
```

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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