

# Converting Colors

Hex(733396)

Have a look what the booklet for  
Hex(733396) contains.

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**Color**

**Hex(733396)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	733396
RGB	115, 51, 150
RGB Percent	45%, 20%, 59%
CMY	0.5490, 0.8000, 0.4118
CMYK	0.23, 0.66, 0.00, 0.41
HSL	279°, 49%, 39%
HSV	279°, 66%, 59%
XYZ	13.7591, 8.2145, 29.7145
YIQ	81.4220, 6.3650, 44.3570

# Conversions

## Conversions Part 2

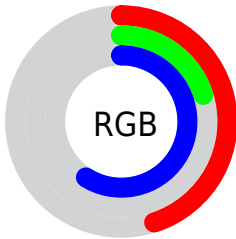
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	115, 51, 150
Decimal	7549846
CIE Lab	34.43, 45.18, -42.79
CIE LCh	34, 62.227, 316.560
Yxy	8.2145, 0.2662, 0.1589
Android (android.graphics.Color)	4285739926 (0xFF733396)
YUV	81.4220, 33.8090, 29.4479
Hunter-Lab	28.6609, 35.5347, -41.4069

# Details

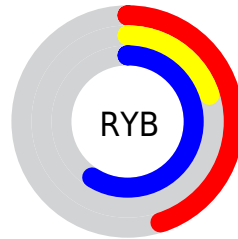
The Hex color **733396** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **569633**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **AA66CD**, and **3E0062** is the 20% darker color. If you saturate the color by 10%, you get **6E2496**, and if you desaturate by 10%, it is **784296**.

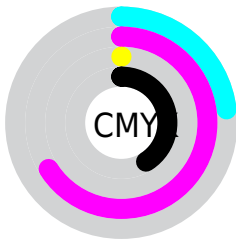
# Distribution



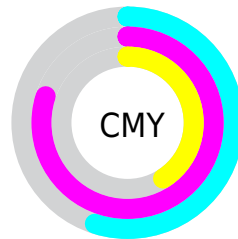
- Red (45%)
- Green (20%)
- Blue (59%)



- Red (45%)
- Yellow (20%)
- Blue (59%)



- Cyan (23%)
- Magenta (66%)
- Yellow (0%)
- Black (41%)



- Cyan (55%)
- Magenta (80%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 733396 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 733396 by changing the saturation by 10% instead.



 733396

 733396

FFFFFF

 58197C

 AA66CD

 3E0062

 C680E9

 25004A

 E39BFF

 050033

 FFB6FF

 00021C

 FFD2FF

 000000

 FFEFFF

 733396

 733396

 6E2496

 784296

681596

7E5196

630696

836096

610096

886F96

8E7E96

938D96

989C96

9DAB96

A3BA96

# Harmonies

## Analogous

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



004EB1



733396



9C0669

# Triad

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



733396



764700



00666C

# Complementary

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



733396



569633

# 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.



006438



733396



4B5700

# Square

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



733396



952C04



006000



006499

# Rectangle

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



733396



A50048



006000



00655B



# Sweetspot

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



733396



B49BC2



335796



594A61



E0E0E0



616161



# Same Dimension

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



733396



8C29C2



963389



47434A



59008A



07000A



# Inverse Universe

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



963356



C2295F



339640



4A4345



8A0031



0A0004



# Previews

## White Background



This preview shows how the Hex color 733396 looks on a white background.

## Color Contrast Check

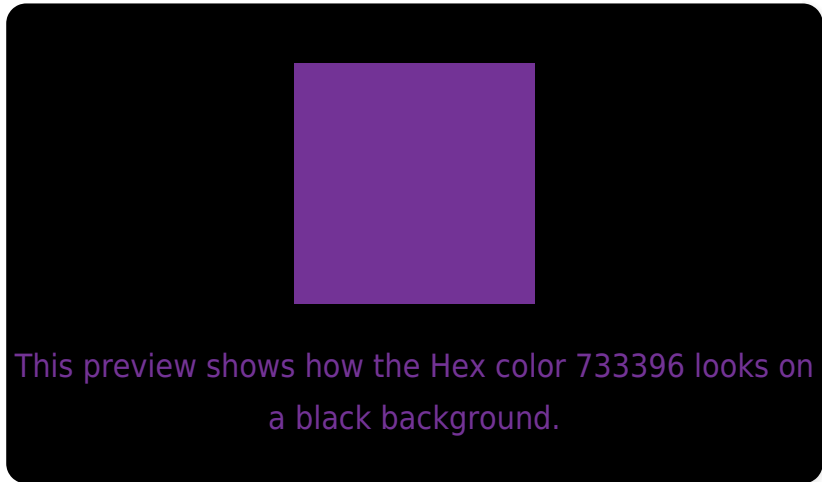
Large Text (above 18pt) WCAG AA ✓ Pass

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

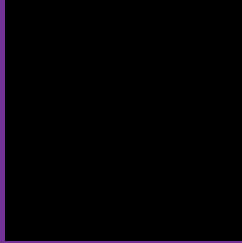
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 733396 Background



This preview shows how black text looks on a background with the Hex color 733396.

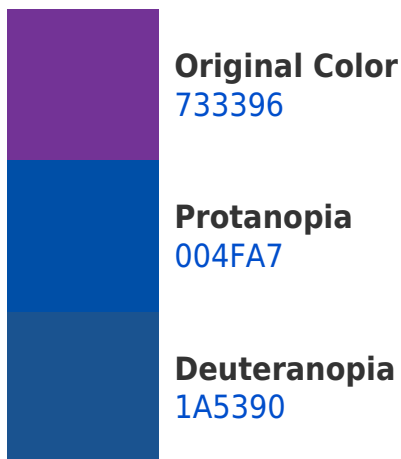



This preview shows how white text looks on a background with the Hex color 733396.

# 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**  
68494F

# Trichromacy



**Original Color**

733396



**Protanomaly**

2A45A1



**Deuteranomaly**

3A4792



**Tritanomaly**

6C4169

# Monochromacy



**Original Color**

733396



**Achromatopsia**

515151



**Achromatomaly**

5D466A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 733396 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 #733396 looks like.

```
.text, #text, p{  
    color:#733396  
}
```

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 #733396 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #733396
}
```

## Border

The CSS property to change the border of an element to Hex 733396 is called "border". The border property can be set on classes, ids or directly on the HTML element.

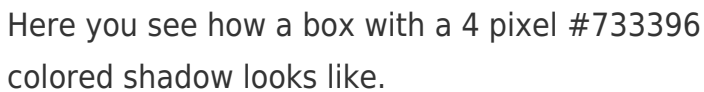
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#733396 }
```

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

```
.border{ border-color:#733396 }
```

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



Here you see how a box with a 4 pixel #733396 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #733396; -webkit-box-shadow:4px 4px  
4px 4px #733396; box-shadow:4px 4px 4px  
4px #733396 }
```

# Background

The CSS property to change the background color of an element to Hex 733396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#733396 }
```

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

```
.background{ background-color:#733396 }
```

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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