

# Converting Colors

Decimal(7613099)

Have a look what the booklet for  
Decimal(7613099) contains.

<b>Decimal(7613099)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Decimal(7613099)**

# Conversions

## Conversions Part 1

Format	Color
Hex	742AAB
RGB	116, 42, 171
RGB Percent	45%, 16%, 67%
CMY	0.5451, 0.8353, 0.3294
CMYK	0.32, 0.75, 0.00, 0.33
HSL	274°, 61%, 42%
HSV	274°, 75%, 67%
XYZ	15.3811, 8.3092, 39.3212
YIQ	78.8320, 2.6950, 55.8070

# Conversions

## Conversions Part 2

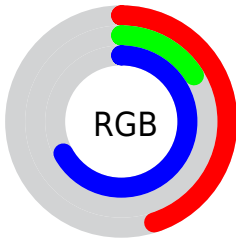
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 42, 171
Decimal	7613099
CIE <sub>Lab</sub>	34.62, 54.29, -55.15
CIE <sub>LCh</sub>	35, 77.387, 314.547
Yxy	8.3092, 0.2441, 0.1319
Android (android.graphics.Color)	4285803179 (0xFF742AAB)
YUV	78.8320, 45.4388, 32.5963
Hunter-Lab	28.8257, 44.8009, -60.6997

# Details

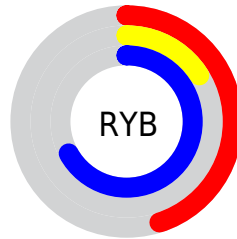
The Decimal color **7613099** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **6400810**, and the grayscale version is **5131854**.

A 20% lighter version of the original color is **11296739**, and **3932278** is the 20% darker color. If you saturate the color by 10%, you get **7149995**, and if you desaturate by 10%, it is **8076203**.

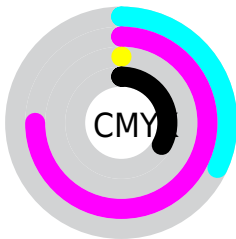
# Distribution



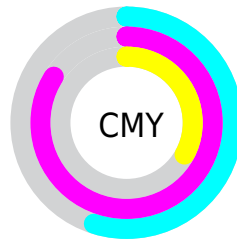
- Red (45%)
- Green (16%)
- Blue (67%)



- Red (45%)
- Yellow (16%)
- Blue (67%)



- Cyan (32%)
- Magenta (75%)
- Yellow (0%)
- Black (33%)



- Cyan (55%)
- Magenta (84%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7613099 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 Decimal color 7613099 by changing the saturation by 10% instead.



7613099

7613099

16777215

5769616

11296739

3932278

13204223

2031708

15177215

68

16756991

812

16764159

279

16771583

0

7613099

7613099

7149995

8076203

6621355

8604843

6422699

9067947

9531051

9994155

10523051

10986155

11449259

11977899

# Harmonies

## Analogous

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



20684



7613099



11206772

# Triad

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



7613099



8274688



26991

# Complementary

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



7613099



6400810

# 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.



26414



7613099



4806656

# Square

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



7613099



10752256



25344



27048

# Rectangle

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



7613099



11993163



25344



26714



# Sweetspot

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



7613099



13151198



2777771



6508912



15790320



7368816



# Same Dimension

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



7613099



8918238



11217570



5459543



5636246



851991



# Inverse Universe

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



11217505



14554218



2796339



5721682



9830464



1507338



# Previews

## White Background



This preview shows how the Decimal color 7613099 looks on a white background.

## Color Contrast Check

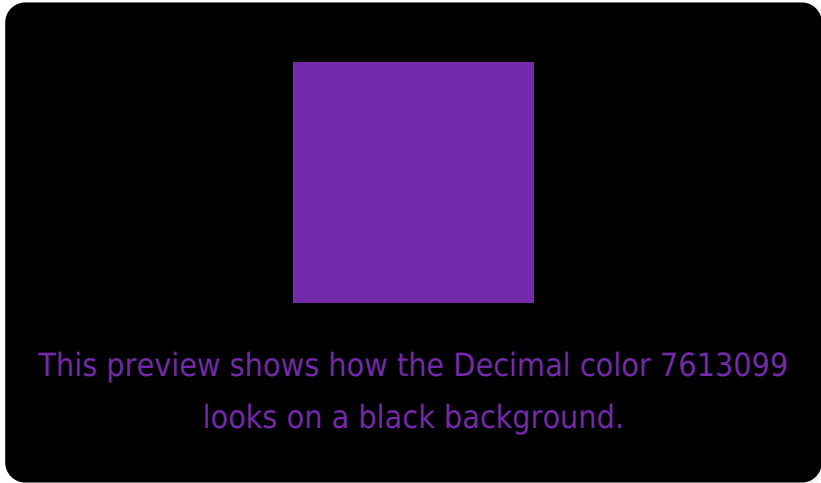
Large Text (above 18pt) WCAG AA ✓ Pass

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

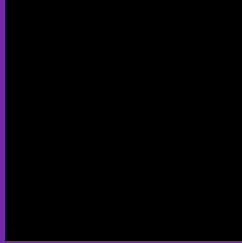
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7613099 Background



This preview shows how black text looks on a background with the Decimal color 7613099.

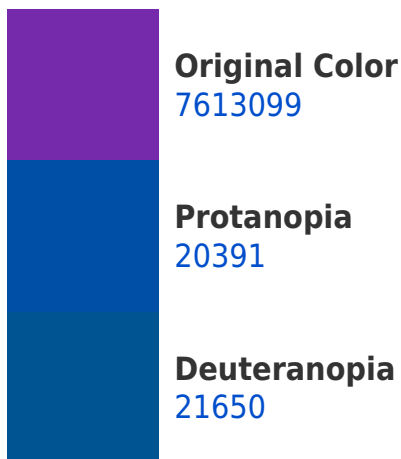


This preview shows how white text looks on a background with the Decimal color 7613099.

# 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**  
6572881

# Trichromacy



**Original Color**  
7613099



**Protanomaly**  
2769576



**Deuteranomaly**  
2770331



**Tritanomaly**  
6963058

# Monochromacy



**Original Color**  
7613099



**Achromatopsia**  
5197647



**Achromatomaly**  
6046320

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7613099 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 #742AAB looks like.

```
.text, #text, p{  
    color:#742AAB  
}
```

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 #742AAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #742AAB
}
```

## Border

The CSS property to change the border of an element to Decimal 7613099 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
#742AAB }
```

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

```
.border{ border-color:#742AAB }
```

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

Here you see how a box with a 4 pixel #742AAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #742AAB; -webkit-box-shadow:4px 4px  
4px 4px #742AAB; box-shadow:4px 4px 4px  
4px #742AAB }
```

# Background

The CSS property to change the background color of an element to Decimal 7613099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#742AAB }
```

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

```
.background{ background-color:#742AAB }
```

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