

Converting Colors

Decimal(7749271)

Have a look what the booklet for
Decimal(7749271) contains.

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Color

Decimal(7749271)

Conversions

Conversions Part 1

Format	Color
Hex	763E97
RGB	118, 62, 151
RGB Percent	46%, 24%, 59%
CMY	0.5373, 0.7569, 0.4078
CMYK	0.22, 0.59, 0.00, 0.41
HSL	278°, 42%, 42%
HSV	278°, 59%, 59%
XYZ	14.7798, 9.5312, 30.3389
YIQ	88.8900, 4.8070, 39.5510

Conversions

Conversions Part 2

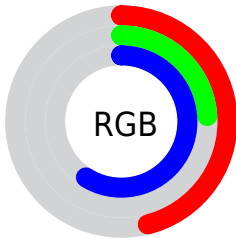
Format	Color
R_{YB}	118, 62, 151
Decimal	7749271
CIE _{Lab}	36.99, 40.48, -39.27
CIE _{LCh}	37, 56.398, 315.866
Yxy	9.5312, 0.2704, 0.1744
Android (android.graphics.Color)	4285939351 (0xFF763E97)
YUV	88.8900, 30.6202, 25.5295
Hunter-Lab	30.8726, 31.4270, -36.6542

Details

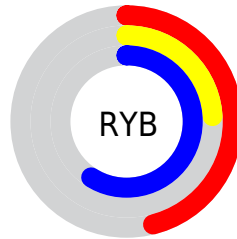
The Decimal color **7749271** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **6264638**, and the grayscale version is **5855577**.

A 20% lighter version of the original color is **11301070**, and **4328291** is the 20% darker color. If you saturate the color by 10%, you get **7352215**, and if you desaturate by 10%, it is **8146327**.

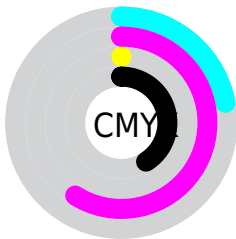
Distribution



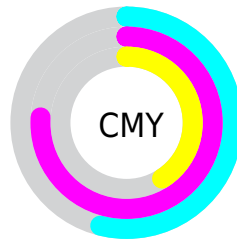
- Red (46%)
- Green (24%)
- Blue (59%)



- Red (46%)
- Yellow (24%)
- Blue (59%)



- Cyan (22%)
- Magenta (59%)
- Yellow (0%)
- Black (41%)



- Cyan (54%)
- Magenta (76%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7749271 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 7749271 by changing the saturation by 10% instead.

■ 7749271

■ 7749271

16777215

■ 6038909

■ 11301070

■ 4328291

■ 13208298

■ 2687051

■ 15050239

■ 1179700

■ 16761343

■ 541

■ 16768511

■ 0

■ 16775935

■ 7749271

■ 7749271

■ 7352215

■ 8146327

7020695

8477847

6623639

8874903

6292119

9206423

6226071

9603735

10000791

10332311

10729367

11060887

Harmonies

Analogous

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



283823



7749271



10233198

Triad

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



7749271



8146176



27503

Complementary

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



7749271



6264638

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.



27199



7749271



5528576

Square

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



7749271



10041109



1402124



27032

Rectangle

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



7749271



10821200



1402124



27487

Sweetspot

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



7749271



12034500



4087959



5983843



14935011



6513507

Same Dimension

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



7749271



9517508



9911949



4867405



5767308



524301

Inverse Universe

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



9911903



12859757



4101960



5064008



9175092



851973

Previews

White Background



This preview shows how the Decimal color 7749271 looks on a white background.

Color Contrast Check

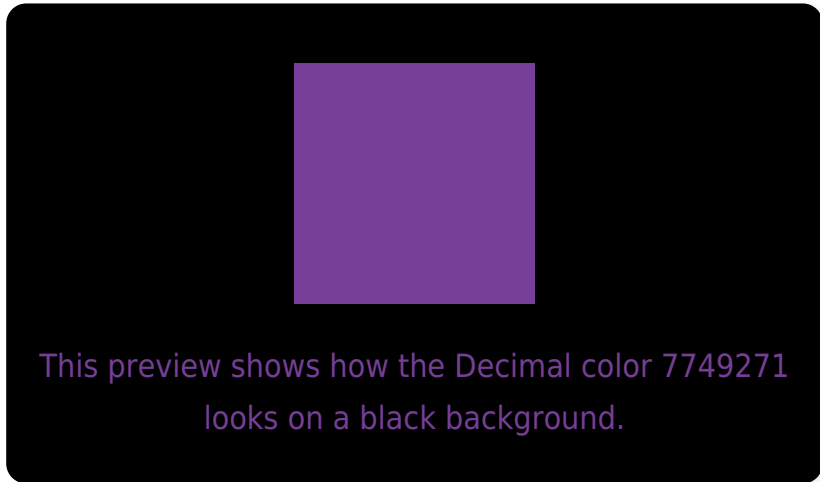
Large Text (above 18pt) WCAG AA ✓ Pass

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

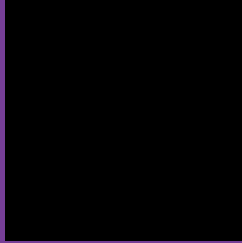
Any Text WCAG AA × Fail

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 7749271 Background



This preview shows how black text looks on a background with the Decimal color 7749271.

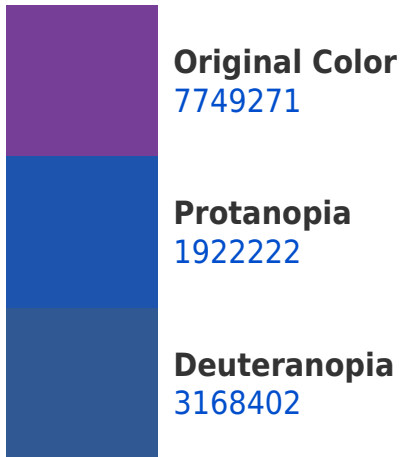



This preview shows how white text looks on a background with the Decimal color 7749271.

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
7098454

Trichromacy



Original Color

7749271



Protanomaly

4017318



Deuteranomaly

4804500



Tritanomaly

7358830

Monochromacy



Original Color

7749271



Achromatopsia

5855577



Achromatomaly

6573936

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7749271 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 #763E97 looks like.

```
.text, #text, p{  
    color:#763E97  
}
```

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 #763E97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #763E97
}
```

Border

The CSS property to change the border of an element to Decimal 7749271 is called "border". The border property can be set on classes, ids or directly on the HTML element.

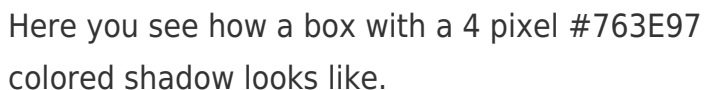
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#763E97 }
```

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

```
.border{ border-color:#763E97 }
```

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



Here you see how a box with a 4 pixel #763E97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #763E97; -webkit-box-shadow:4px 4px  
4px 4px #763E97; box-shadow:4px 4px 4px  
4px #763E97 }
```

Background

The CSS property to change the background color of an element to Decimal 7749271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#763E97 }
```

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

```
.background{ background-color:#763E97 }
```

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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