

Converting Colors

Decimal(7733406)

Have a look what the booklet for
Decimal(7733406) contains.

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Color

Decimal(7733406)

Conversions

Conversions Part 1

Format	Color
Hex	76009E
RGB	118, 0, 158
RGB Percent	46%, 0%, 62%
CMY	0.5373, 1.0000, 0.3804
CMYK	0.25, 1.00, 0.00, 0.38
HSL	285°, 100%, 31%
HSV	285°, 100%, 62%
XYZ	13.6428, 6.3202, 32.8486
YIQ	53.2940, 19.6100, 74.1540

Conversions

Conversions Part 2

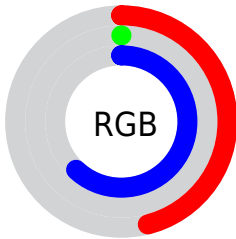
Format	Color
R_{YB}	118, 0, 158
Decimal	7733406
CIE _{Lab}	30.21, 62.63, -54.47
CIE _{LCh}	30, 83.002, 318.985
Yxy	6.3202, 0.2583, 0.1197
Android (android.graphics.Color)	4285923486 (0xFF76009E)
YUV	53.2940, 51.6201, 56.7472
Hunter-Lab	25.1400, 52.8722, -59.8721

Details

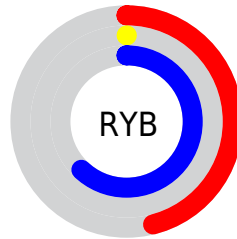
The Decimal color **7733406** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **2661888**, and the grayscale version is **3487029**.

A 20% lighter version of the original color is **11487446**, and **4063337** is the 20% darker color. If you saturate the color by 10%, you get **7733406**, and if you desaturate by 10%, it is **7999646**.

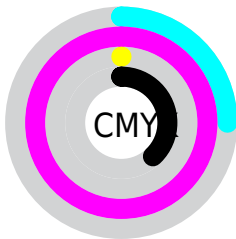
Distribution



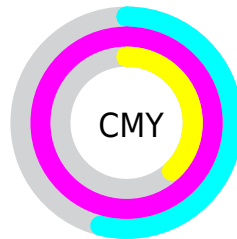
- Red (46%)
- Green (0%)
- Blue (62%)



- Red (46%)
- Yellow (0%)
- Blue (62%)



- Cyan (25%)
- Magenta (100%)
- Yellow (0%)
- Black (38%)



- Cyan (54%)
- Magenta (100%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7733406 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 7733406 by changing the saturation by 10% instead.

 7733406

 7733406

16777215

 5898371

 11487446

 4063337

 13395186

 2490449

 15302911

 56

 16751615

 546

 16759039

 8

 16766207

 0

 16773887

 7733406

■ 7999646

■ 8265886

■ 8531870

■ 8798110

■ 9064350

■ 9330590

■ 9596830

■ 9862814

■ 10129054

Harmonies

Analogous

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



17349



7733406



10944610

Triad

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



7733406



7027712



24176

Complementary

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



7733406



2661888

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.



23596



7733406



3100672

Square

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



7733406



9830400



22784



24234

Rectangle

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



7733406



11468856



22784



24154

Sweetspot

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



7733406



12554703



10910



6243177



15263976



6908265

Same Dimension

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



7733406



10092751



10354809



5064527



7012495



720911

Inverse Universe

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



10354728



13566004



40485



5195593



9371684



983044

Previews

White Background



This preview shows how the Decimal color 7733406 looks on a white background.

Color Contrast Check

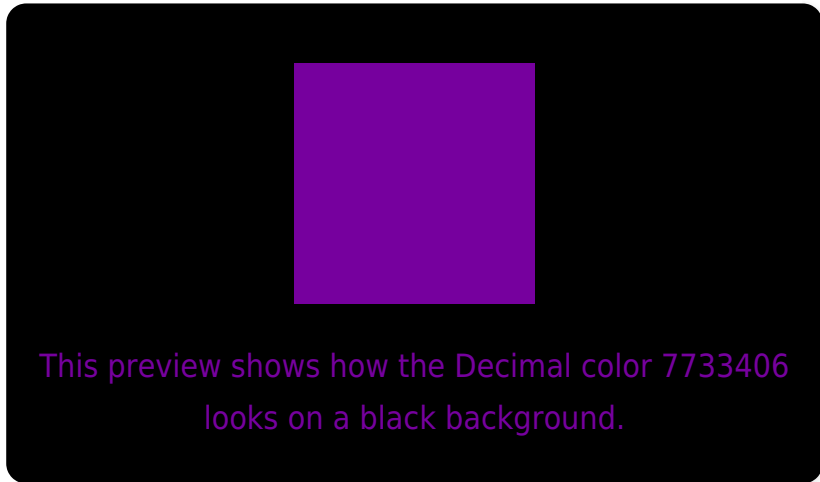
Large Text (above 18pt) WCAG AA ✓ Pass

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

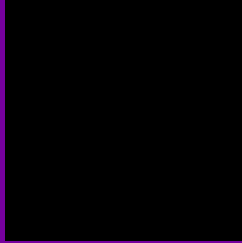
Any Text WCAG AA × Fail

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 7733406 Background



This preview shows how black text looks on a background with the Decimal color 7733406.




This preview shows how white text looks on a background with the Decimal color 7733406.

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
6831682

Trichromacy



Original Color

7733406



Protanomaly

2829978



Deuteranomaly

2830477



Tritanomaly

7153507

Monochromacy



Original Color

7733406



Achromatopsia

3487029



Achromatomaly

5055067

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7733406 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 #76009E looks like.

```
.text, #text, p{  
    color:#76009E  
}
```

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 #76009E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76009E
}
```

Border

The CSS property to change the border of an element to Decimal 7733406 is called "border". The border property can be set on classes, ids or directly on the HTML element.

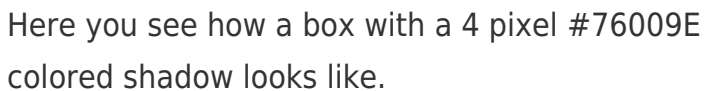
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#76009E }
```

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

```
.border{ border-color:#76009E }
```

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



Here you see how a box with a 4 pixel `#76009E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76009E; -webkit-box-shadow:4px 4px  
4px 4px #76009E; box-shadow:4px 4px 4px  
4px #76009E }
```

Background

The CSS property to change the background color of an element to Decimal 7733406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76009E }
```

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

```
.background{ background-color:#76009E }
```

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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