

# Converting Colors

Decimal(7560319)

Have a look what the booklet for  
Decimal(7560319) contains.

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# Color

**Decimal(7560319)**

# Conversions

## Conversions Part 1

Format	Color
Hex	735C7F
RGB	115, 92, 127
RGB Percent	45%, 36%, 50%
CMY	0.5490, 0.6392, 0.5020
CMYK	0.09, 0.28, 0.00, 0.50
HSL	279°, 16%, 43%
HSV	279°, 28%, 50%
XYZ	14.7281, 12.8314, 21.7791
YIQ	102.8670, 2.4730, 15.7610

# Conversions

## Conversions Part 2

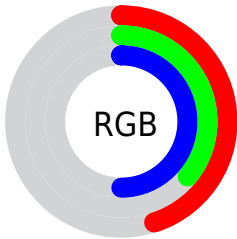
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 92, 127
Decimal	7560319
CIE <sub>Lab</sub>	42.51, 16.37, -16.09
CIE <sub>LCh</sub>	43, 22.952, 315.494
Yxy	12.8314, 0.2985, 0.2601
Android (android.graphics.Color)	4285750399 (0xFF735C7F)
YUV	102.8670, 11.8976, 10.6406
Hunter-Lab	35.8210, 10.7052, -10.9736

# Details

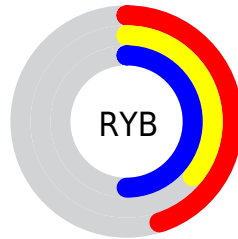
The Decimal color **7560319** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **6848348**, and the grayscale version is **6776679**.

A 20% lighter version of the original color is **10981044**, and **4337230** is the 20% darker color. If you saturate the color by 10%, you get **7294847**, and if you desaturate by 10%, it is **7825791**.

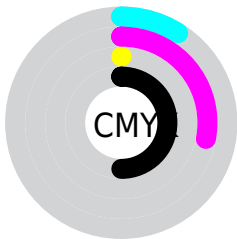
# Distribution



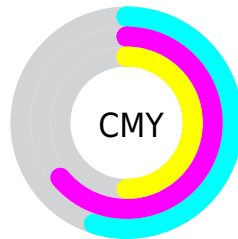
- Red (45%)
- Green (36%)
- Blue (50%)



- Red (45%)
- Yellow (36%)
- Blue (50%)



- Cyan (9%)
- Magenta (28%)
- Yellow (0%)
- Black (50%)



- Cyan (55%)
- Magenta (64%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7560319 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 7560319 by changing the saturation by 10% instead.



■ 7560319

■ 7560319

16777215

■ 5915750

■ 10981044

■ 4337230

■ 12822991

■ 2890039

■ 14664940

■ 1638434

■ 16507135

■ 8

■ 16776703

■ 0

■ 7560319

■ 7560319

■ 7294847

■ 7825791

■ 6964095

■ 8156543

6698623

8422015

6433151

8687487

6102399

9018495

5836927

9283711

5571455

9549183

5439615

9880191

10145407

# Harmonies

## Analogous

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



5923721



7560319



8673134

# Triad

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



7560319



7954496



2518894

# Complementary

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



7560319



6848348

# 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.



3894874



7560319



6776383

# Square

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



7560319



8804938



5401417



2387327

# Rectangle

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



7560319



9000546



5401417



2912103



# Sweetspot

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



7560319



10590374



6056063



5327956



13948116



5526612



# Same Dimension

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



7560319



9662374



8346746



4077888



5505152



0



# Inverse Universe

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



8346728



10907522



6061921



4208956



8388652



0



# Previews

## White Background



This preview shows how the Decimal color 7560319 looks on a white background.

## Color Contrast Check

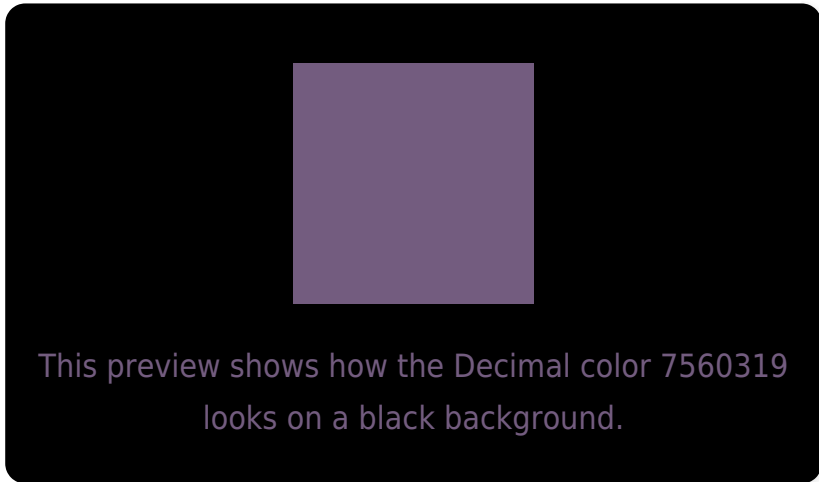
Large Text (above 18pt) WCAG AA ✓ Pass

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

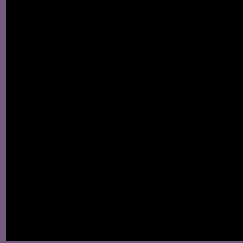
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7560319 Background



This preview shows how black text looks on a background with the Decimal color 7560319.



This preview shows how white text looks on a background with the Decimal color 7560319.

# 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



**Original Color**  
7560319

**Protanopia**  
6054788

**Deuteranopia**  
6382462



**Tritanopia**  
7299176

# Trichromacy



**Original Color**  
7560319

**Protanomaly**  
6578306

**Deuteranomaly**  
6840446

**Tritanomaly**  
7364464

# Monochromacy



**Original Color**  
7560319

**Achromatopsia**  
6776679

**Achromatomaly**  
7037808

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7560319 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 #735C7F looks like.

```
.text, #text, p{  
  color:#735C7F  
}
```

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 #735C7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #735C7F
}
```

## Border

The CSS property to change the border of an element to Decimal 7560319 is called "border". The border property can be set on classes, ids or directly on the HTML element.

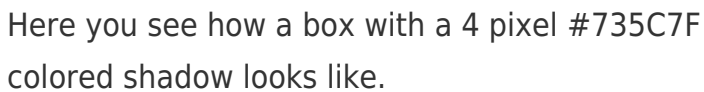
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#735C7F }
```

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

```
.border{ border-color:#735C7F }
```

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



Here you see how a box with a 4 pixel #735C7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #735C7F; -webkit-box-shadow:4px 4px  
4px 4px #735C7F; box-shadow:4px 4px 4px  
4px #735C7F }
```

# Background

The CSS property to change the background color of an element to Decimal 7560319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#735C7F }
```

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

```
.background{ background-color:#735C7F }
```

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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