

# Converting Colors

Decimal(7667829)

Have a look what the booklet for  
Decimal(7667829) contains.

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**Color**

**Decimal(7667829)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	750075
RGB	117, 0, 117
RGB Percent	46%, 0%, 46%
CMY	0.5412, 1.0000, 0.5412
CMYK	0.00, 1.00, 0.00, 0.54
HSL	300°, 100%, 23%
HSV	300°, 100%, 46%
XYZ	10.5470, 5.0663, 17.2516
YIQ	48.3210, 32.1750, 61.1910

# Conversions

## Conversions Part 2

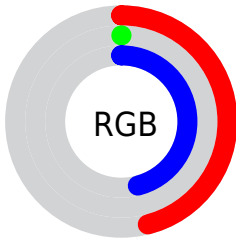
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 0, 117
Decimal	7667829
CIE <sub>Lab</sub>	26.92, 55.26, -34.22
CIE <sub>LCh</sub>	27, 64.996, 328.233
Yxy	5.0663, 0.3209, 0.1542
Android (android.graphics.Color)	4285857909 (0xFF750075)
YUV	48.3210, 33.8587, 60.2315
Hunter-Lab	22.5084, 44.2522, -29.6872

# Details

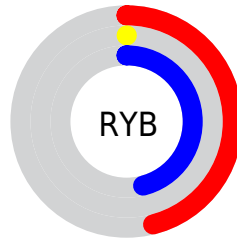
The Decimal color **7667829** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **29952**, and the grayscale version is **3158064**.

A 20% lighter version of the original color is **11290026**, and **4194372** is the 20% darker color. If you saturate the color by 10%, you get **7667829**, and if you desaturate by 10%, it is **7670901**.

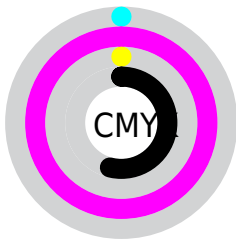
# Distribution



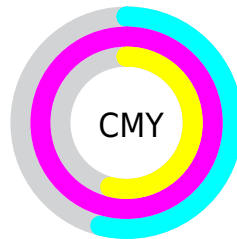
- Red (46%)
- Green (0%)
- Blue (46%)



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



- Cyan (0%)
- Magenta (100%)
- Yellow (0%)
- Black (54%)



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

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7667829 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 7667829 by changing the saturation by 10% instead.



 7667829


 7667829

16777215

 5898332

 11290026

 4194372

 13197509

 2621485

 15104993

 279

 16750590

 0

 16757759

 16764927

 16772351

 7667829

 7670901

 7673717

 7676789

 7679861

 7682933

 7685749

 7688821

 7691893

 7694709

# Harmonies

## Analogous

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



2241689



7667829



9437253

# Triad

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



7667829



5324032



21358

# Complementary

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



7667829



29952

# 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.



21051



7667829



1919488

# Square

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



7667829



7742464



20480



20885

# Rectangle

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



7667829



9502757



20480



21342



# Sweetspot

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



7667829



10054553



117



5058893



13421772



5066061



# Same Dimension

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



7667829



10027161



7667771



3880251



7995514



16384250



# Inverse Universe

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



7667829



10027161



30011



3880251



7995514



16384250



# Previews

## White Background



This preview shows how the Decimal color 7667829 looks on a white background.

## Color Contrast Check

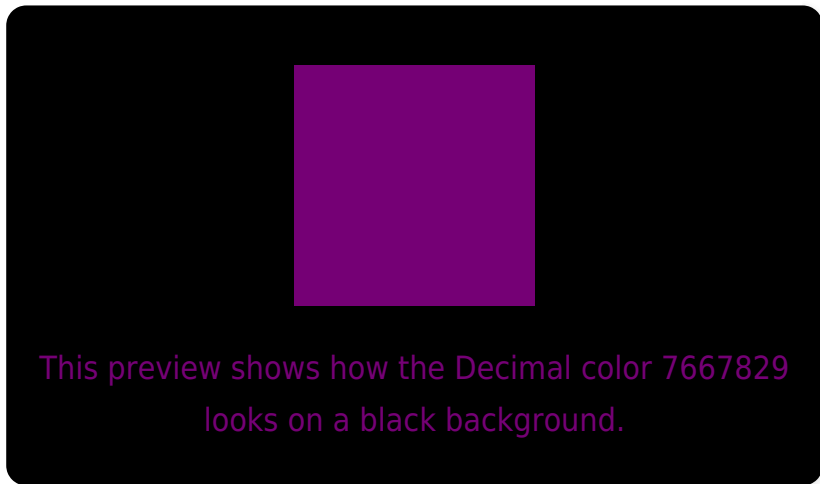
Large Text (above 18pt) WCAG AA ✓ Pass

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

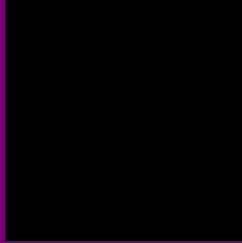
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7667829 Background



This preview shows how black text looks on a background with the Decimal color 7667829.



This preview shows how white text looks on a background with the Decimal color 7667829.

# 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





# Trichromacy



**Original Color**  
7667829

**Protanomaly**  
2828674

**Deuteranomaly**  
4467569

**Tritanomaly**  
7413066

# Monochromacy



**Original Color**  
7667829

**Achromatopsia**  
3158064

**Achromatomaly**  
4792137

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7667829 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 #750075 looks like.

```
.text, #text, p{  
    color:#750075  
}
```

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 #750075 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #750075
}
```

## Border

The CSS property to change the border of an element to Decimal 7667829 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".

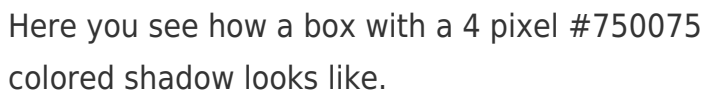
```
.border, #border, table{ border:4px solid
#750075 }
```

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

```
.border{ border-color:#750075 }
```

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

Here you see how a box with a 4 pixel #750075 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #750075; -webkit-box-shadow:4px 4px  
4px 4px #750075; box-shadow:4px 4px 4px  
4px #750075 }
```

# Background

The CSS property to change the background color of an element to Decimal 7667829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#750075 }
```

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

```
.background{ background-color:#750075 }
```

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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