

# Converting Colors

Decimal(7829367)

Have a look what the booklet for  
Decimal(7829367) contains.

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# Color

**Decimal(7829367)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	777777
RGB	119, 119, 119
RGB Percent	47%, 47%, 47%
CMY	0.5333, 0.5333, 0.5333
CMYK	0.00, 0.00, 0.00, 0.53
HSL	0°, 0%, 47%
HSV	0°, 0%, 47%
XYZ	17.5343, 18.4475, 20.0893

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	119, 119, 119
Decimal	7829367
CIE Lab	50.03, 0.00, -0.01
CIE LCh	50, 0.007, 296.813
Yxy	18.4475, 0.3127, 0.3290
Android (android.graphics.Color)	4286019447 (0xFF777777)
YUV	119.0000, 0.0000, 0.0000

# Details

The Decimal color **7829367** is a dark color, and the **websafe** version is hex **666666**. A complement of this color would be **7829367**, and the grayscale version is **7829367**.

A 20% lighter version of the original color is **11250603**, and **4671303** is the 20% darker color. If you saturate the color by 10%, you get **7826283**, and if you desaturate by 10%, it is **7832451**.

# Distribution



- Red (47%)
- Green (47%)
- Blue (47%)



- Red (47%)
- Yellow (47%)
- Blue (47%)



- Cyan (0%)
- Magenta (0%)
- Yellow (0%)
- Black (53%)



- Cyan (53%)
- Magenta (53%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7829367 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 7829367 by changing the saturation by 10% instead.



7829367  
9539985  
11250603  
13027014  
14869218  
16777215

7829367  
6184542  
4671303  
3158064  
1842204  
0

7829367  
7826283  
7823199  
7820115  
7817031  
7813947  
7811120  
7808036  
7804952  
7801868

7829367  
7832451  
7835535  
7838619  
7841703  
7844787  
7847614  
7850698  
7853782  
7856866

# Harmonies

# Sweetspot

The sweet spot groups the original color and five complimentary colors.



7829367



10263708



5197647



13619151

# Previews

## White Background



This preview shows how the Decimal color 7829367 looks on a white background.

## Color Contrast Check

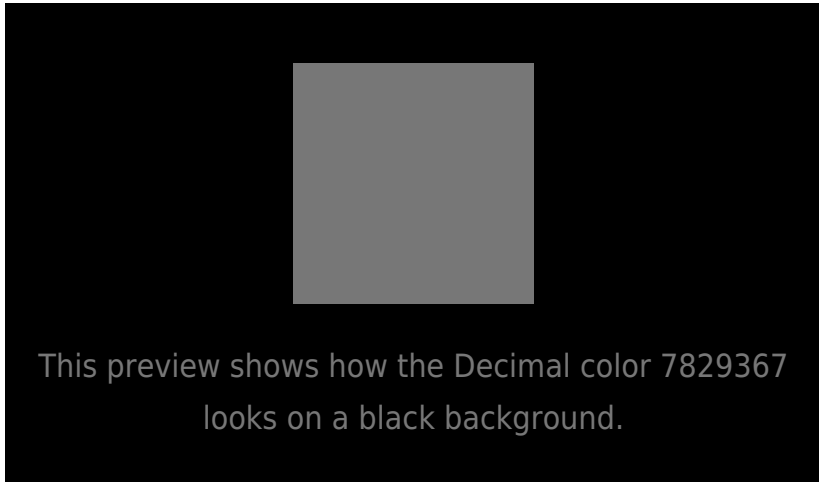
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

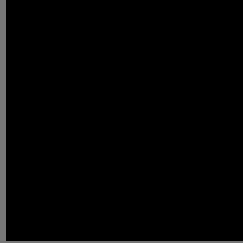
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

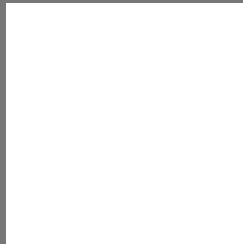
Any Text WCAG AAA × Fail

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

## Decimal 7829367 Background



This preview shows how black text looks on a background with the Decimal color 7829367.



This preview shows how white text looks on a background with the Decimal color 7829367.

# 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**  
7829367

**Protanopia**  
7960183

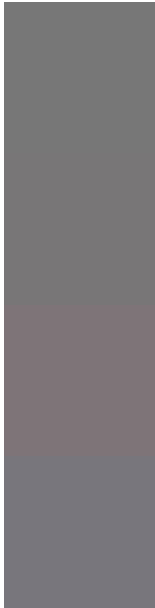
**Deuteranopia**  
8549240



**Tritanopia**  
7894655



# Trichromacy



**Original Color**

7829367

**Protanomaly**

7894647

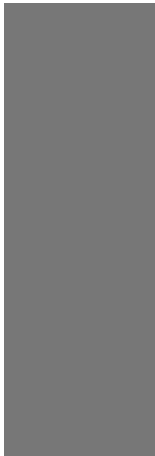
**Deuteranomaly**

8287352

**Tritanomaly**

7894652

# Monochromacy



**Original Color**

7829367

**Achromatopsia**

7829367

**Achromatomaly**

7829367

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7829367 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 `#777777` looks like.

```
.text, #text, p{  
    color:#777777  
}
```

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 #777777 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #777777  
}
```

## Border

The CSS property to change the border of an element to Decimal 7829367 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  
#777777 }
```

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

```
.border{ border-color:#777777 }
```

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

Here you see how a box with a 4 pixel #777777 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #777777; -webkit-box-shadow:4px 4px  
4px 4px #777777; box-shadow:4px 4px 4px  
4px #777777 }
```

# Background

The CSS property to change the background color of an element to Decimal 7829367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#777777 }
```

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

```
.background{ background-color:#777777 }
```

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? Have a look at my other booklet HOWCOLORS.WORK – A CSS color notation guide.



## **HOWCOLORS.WORK**

### **A CSS color notation guide.**

Are you new to web development and want to know the different ways to express colors in CSS? Then this booklet is for you!

### **HOWCOLORS.WORK will help you understand the syntax of the color notations in CSS.**

You will learn all the current and new ways to express colors to prepare yourself for the future!

**[Buy now, starting at \\$4.99!](#)**

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