

# Converting Colors

Decimal(7757433)

Have a look what the booklet for  
Decimal(7757433) contains.

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# Color

**Decimal(7757433)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	765E79
RGB	118, 94, 121
RGB Percent	46%, 37%, 47%
CMY	0.5373, 0.6314, 0.5255
CMYK	0.02, 0.22, 0.00, 0.53
HSL	293°, 13%, 42%
HSV	293°, 22%, 47%
XYZ	14.9251, 13.2374, 19.8576
YIQ	104.2540, 5.6370, 13.4850

# Conversions

## Conversions Part 2

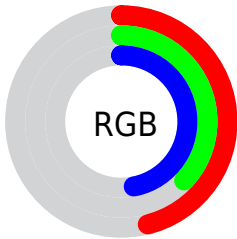
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 94, 121
Decimal	7757433
CIE <sub>Lab</sub>	43.12, 14.93, -11.49
CIE <sub>LCh</sub>	43, 18.838, 322.416
Yxy	13.2374, 0.3108, 0.2757
Android (android.graphics.Color)	4285947513 (0xFF765E79)
YUV	104.2540, 8.2558, 12.0552
Hunter-Lab	36.3833, 9.5533, -6.8915

# Details

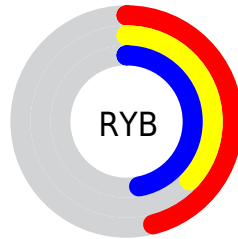
The Decimal color **7757433** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **6388062**, and the grayscale version is **6842472**.

A 20% lighter version of the original color is **11178413**, and **4534344** is the 20% darker color. If you saturate the color by 10%, you get **7688825**, and if you desaturate by 10%, it is **7826041**.

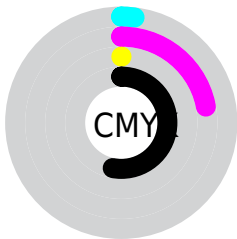
# Distribution



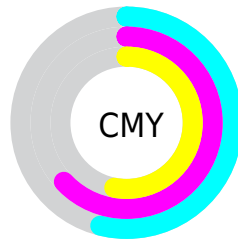
- Red (46%)
- Green (37%)
- Blue (47%)



- Red (46%)
- Yellow (37%)
- Blue (47%)



- Cyan (2%)
- Magenta (22%)
- Yellow (0%)
- Black (53%)



- Cyan (54%)
- Magenta (63%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7757433 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 7757433 by changing the saturation by 10% instead.





7757433



7757433

16777215



6112864



11178413



4534344



13020105



3086898



14862053



1769757



16770047



0



7757433



7757433



7688825



7826041



7554681



7960185



7486073



8028793

7417465

8097401

7283065

8231801

7214457

8300409

7145849

8369017

7078009

8503161

8571769

# Harmonies

## Analogous

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



6513539



7757433



8543082

# Triad

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



7757433



7693127



3632753

# Complementary

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



7757433



6388062

# 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.



4353633



7757433



6645833

# Square

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



7757433



8412750



5467218



3894398

# Rectangle

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



7757433



8739424



5467218



3764076



# Sweetspot

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



7757433



10326942



6185337



5130575



13619151



5197647



# Same Dimension

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



7757433



10056606



7954031



4011837



7274621



14680316



# Inverse Universe

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



7954017



10384248



6191464



4011832



8192014

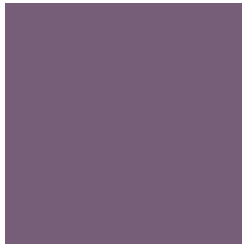


16515100



# Previews

## White Background



This preview shows how the Decimal color 7757433 looks on a white background.

## Color Contrast Check

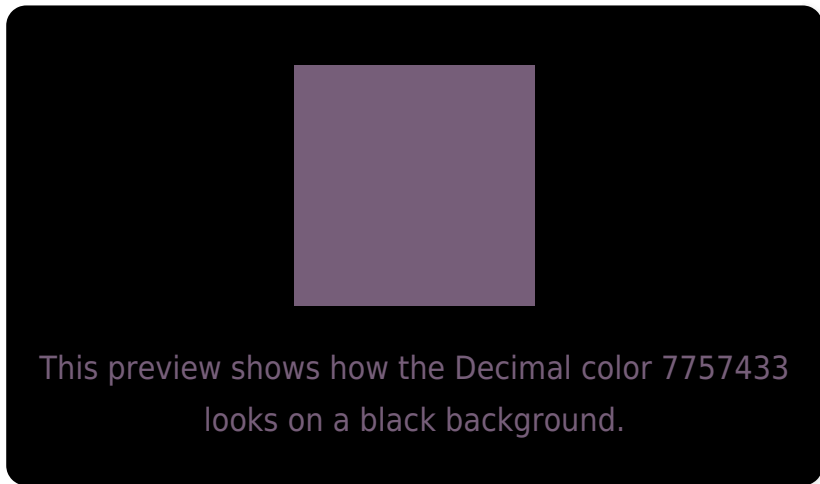
Large Text (above 18pt) WCAG AA ✓ Pass

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

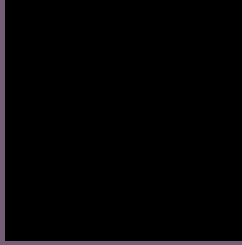
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7757433 Background



This preview shows how black text looks on a background with the Decimal color 7757433.



This preview shows how white text looks on a background with the Decimal color 7757433.

# 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**  
7757433

**Protanopia**  
6317438

**Deuteranopia**  
6775928



**Tritanopia**  
7627113

# Trichromacy



**Original Color**  
7757433

**Protanomaly**  
6840956

**Deuteranomaly**  
7103096

**Tritanomaly**  
7692399

# Monochromacy



**Original Color**  
7757433

**Achromatopsia**  
6842472

**Achromatomaly**  
7169134

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7757433 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 #765E79 looks like.

```
.text, #text, p{  
    color:#765E79  
}
```

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 #765E79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #765E79
}
```

## Border

The CSS property to change the border of an element to Decimal 7757433 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
#765E79 }
```

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

```
.border{ border-color:#765E79 }
```

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

Here you see how a box with a 4 pixel #765E79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #765E79; -webkit-box-shadow:4px 4px  
4px 4px #765E79; box-shadow:4px 4px 4px  
4px #765E79 }
```

# Background

The CSS property to change the background color of an element to Decimal 7757433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#765E79 }
```

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

```
.background{ background-color:#765E79 }
```

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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