

# Converting Colors

Decimal(7824255)

Have a look what the booklet for  
Decimal(7824255) contains.

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# Color

**Decimal(7824255)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	77637F
RGB	119, 99, 127
RGB Percent	47%, 39%, 50%
CMY	0.5333, 0.6118, 0.5020
CMYK	0.06, 0.22, 0.00, 0.50
HSL	283°, 12%, 44%
HSV	283°, 22%, 50%
XYZ	15.9004, 14.3779, 22.0159
YIQ	108.1720, 2.9320, 12.9480

# Conversions

## Conversions Part 2

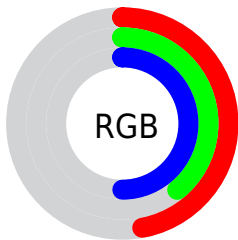
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	119, 99, 127
Decimal	7824255
CIE <sub>Lab</sub>	44.77, 13.56, -12.61
CIE <sub>LCh</sub>	45, 18.520, 317.081
Yxy	14.3779, 0.3041, 0.2749
Android (android.graphics.Color)	4286014335 (0xFF77637F)
YUV	108.1720, 9.2822, 9.4962
Hunter-Lab	37.9182, 8.4940, -7.8818

# Details

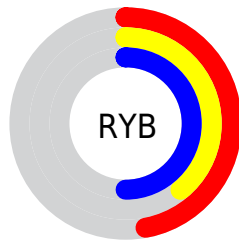
The Decimal color **7824255** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7044963**, and the grayscale version is **7105644**.

A 20% lighter version of the original color is **11245236**, and **4600910** is the 20% darker color. If you saturate the color by 10%, you get **7558783**, and if you desaturate by 10%, it is **8089727**.

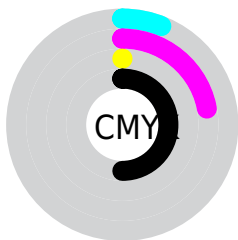
# Distribution



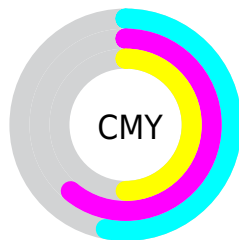
- Red (47%)
- Green (39%)
- Blue (50%)



- Red (47%)
- Yellow (39%)
- Blue (50%)



- Cyan (6%)
- Magenta (22%)
- Yellow (0%)
- Black (50%)



- Cyan (53%)
- Magenta (61%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7824255 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 7824255 by changing the saturation by 10% instead.





7824255



7824255

16777215



6179686



11245236



4600910



13087183



3153719



14929132



1771554



16771327



9



0



7824255



7824255



7558783



8089727



7359103



8289407

7093631

8554879

6828159

8820351

6628223

9020287

6363007

9285503

6163071

9485439

5963903

9750911

10016127

# Harmonies

## Analogous

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



6514823



7824255



8675185

# Triad

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



7824255



8087372



4027250

# Complementary

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



7824255



7044963

# 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.



4813410



7824255



7105612

# Square

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



7824255



8806996



5926997



4092288

# Rectangle

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



7824255



9002855



5926997



4223853



# Sweetspot

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



7824255



10656422



6515583



5393748



13948116



5526612



# Same Dimension

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



7824255



10058662



8348537



4077888



5963904



0



# Inverse Universe

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



8348523



10910599



6520681



4208955



8388644



0



# Previews

## White Background



This preview shows how the Decimal color 7824255 looks on a white background.

## Color Contrast Check

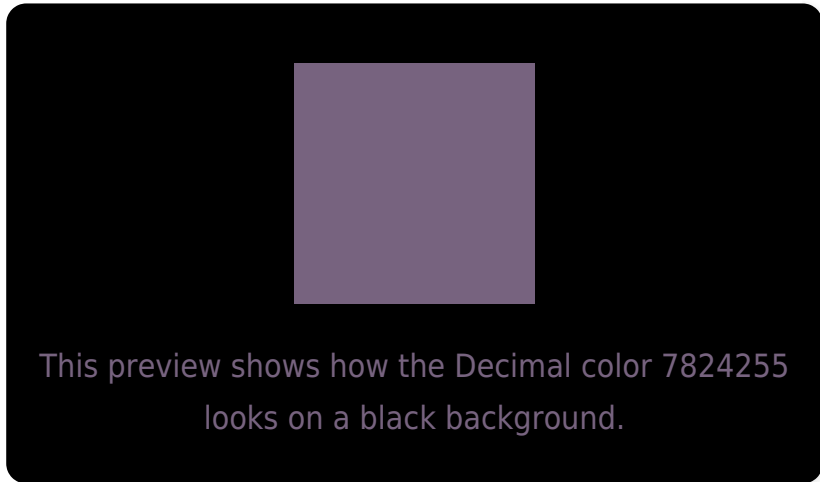
Large Text (above 18pt) WCAG AA ✓ Pass

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

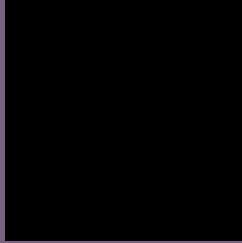
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7824255 Background



This preview shows how black text looks on a background with the Decimal color 7824255.



This preview shows how white text looks on a background with the Decimal color 7824255.

# 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**  
7824255

**Protanopia**  
6580611

**Deuteranopia**  
6973566



**Tritanopia**  
7628398

# Trichromacy



**Original Color**  
7824255

**Protanomaly**  
7038850

**Deuteranomaly**  
7300734

**Tritanomaly**  
7693684

# Monochromacy



**Original Color**  
7824255

**Achromatopsia**  
7105644

**Achromatomaly**  
7367027

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7824255 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 #77637F looks like.

```
.text, #text, p{  
    color:#77637F  
}
```

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 #77637F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77637F
}
```

## Border

The CSS property to change the border of an element to Decimal 7824255 is called "border". The border property can be set on classes, ids or directly on the HTML element.

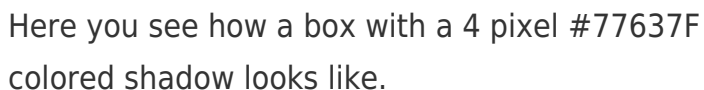
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#77637F }
```

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

```
.border{ border-color:#77637F }
```

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



Here you see how a box with a 4 pixel `#77637F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77637F; -webkit-box-shadow:4px 4px  
4px 4px #77637F; box-shadow:4px 4px 4px  
4px #77637F }
```

# Background

The CSS property to change the background color of an element to Decimal 7824255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77637F }
```

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

```
.background{ background-color:#77637F }
```

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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