

# Converting Colors

Decimal(7889790)

Have a look what the booklet for  
Decimal(7889790) contains.

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# Color

**Decimal(7889790)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	78637E
RGB	120, 99, 126
RGB Percent	47%, 39%, 49%
CMY	0.5294, 0.6118, 0.5059
CMYK	0.05, 0.21, 0.00, 0.51
HSL	287°, 12%, 44%
HSV	287°, 21%, 49%
XYZ	15.9735, 14.4231, 21.6807
YIQ	108.3570, 3.8490, 12.8490

# Conversions

## Conversions Part 2

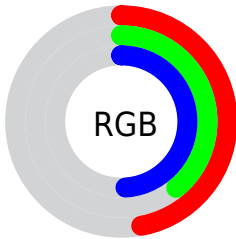
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	120, 99, 126
Decimal	7889790
CIE <sub>Lab</sub>	44.83, 13.71, -11.90
CIE <sub>LCh</sub>	45, 18.156, 319.036
Yxy	14.4231, 0.3067, 0.2770
Android (android.graphics.Color)	4286079870 (0xFF78637E)
YUV	108.3570, 8.6980, 10.2109
Hunter-Lab	37.9778, 8.6161, -7.2630

# Details

The Decimal color **7889790** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **6913635**, and the grayscale version is **7105644**.

A 20% lighter version of the original color is **11310771**, and **4666445** is the 20% darker color. If you saturate the color by 10%, you get **7689854**, and if you desaturate by 10%, it is **8089726**.

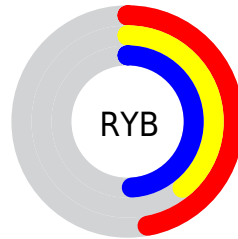
# Distribution



Red (47%)

Green (39%)

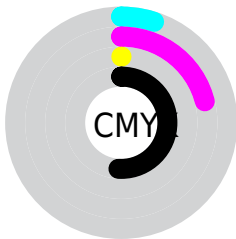
Blue (49%)



Red (47%)

Yellow (39%)

Blue (49%)

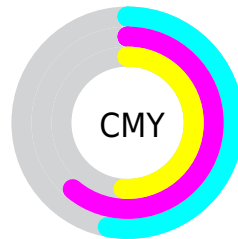


Cyan (5%)

Magenta (21%)

Yellow (0%)

Black (51%)



Cyan (53%)

Magenta (61%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7889790 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 7889790 by changing the saturation by 10% instead.



■ 7889790

■ 7889790

16777215

■ 6245221

■ 11310771

■ 4666445

■ 13152718

■ 3153718

■ 14994666

■ 1837089

■ 16771327

■ 7

■ 0

■ 7889790

■ 7889790

■ 7689854

■ 8089726

■ 7490174

■ 8289406

7355774

8423806

7156094

8623486

6956158

8823422

6756222

9023358

6556542

9223038

6422654

9357438

9557118

# Harmonies

## Analogous

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



6645894



7889790



8740976

# Triad

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



7889790



8021837



4092531

# Complementary

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



7889790



6913635

# 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.



4813412



7889790



7040077

# Square

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



7889790



8741460



5926998



4223360

# Rectangle

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



7889790



8937318



5926998



4289390



# Sweetspot

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



7889790



10590627



6515070



5262418



13750737



5395026



# Same Dimension

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



7889790



10123683



8282999



4077888



6488192



0



# Inverse Universe

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



8282985



10713474



6520426



4208955



8388636



0



# Previews

## White Background



This preview shows how the Decimal color 7889790 looks on a white background.

## Color Contrast Check

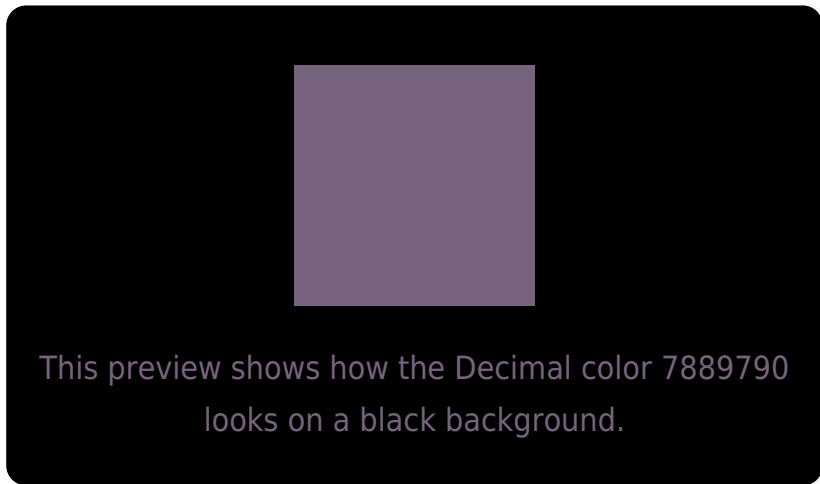
Large Text (above 18pt) WCAG AA ✓ Pass

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

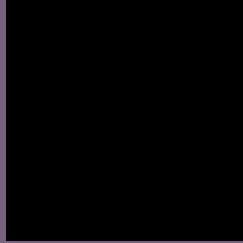
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7889790 Background



This preview shows how black text looks on a background with the Decimal color 7889790.



This preview shows how white text looks on a background with the Decimal color 7889790.

# 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**

7889790

**Protanopia**

6580610

**Deuteranopia**

7039101



**Tritanopia**  
7759470

# Trichromacy



**Original Color**  
7889790

**Protanomaly**  
7038849

**Deuteranomaly**  
7366269

**Tritanomaly**  
7824756

# Monochromacy



**Original Color**  
7889790

**Achromatopsia**  
7105644

**Achromatomaly**  
7367027

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7889790 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 #78637E looks like.

```
.text, #text, p{  
    color:#78637E  
}
```

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 #78637E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78637E
}
```

## Border

The CSS property to change the border of an element to Decimal 7889790 is called "border". The border property can be set on classes, ids or directly on the HTML element.

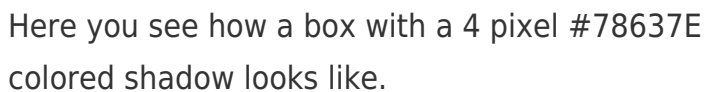
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#78637E }
```

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

```
.border{ border-color:#78637E }
```

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



Here you see how a box with a 4 pixel `#78637E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78637E; -webkit-box-shadow:4px 4px  
4px 4px #78637E; box-shadow:4px 4px 4px  
4px #78637E }
```

# Background

The CSS property to change the background color of an element to Decimal 7889790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78637E }
```

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

```
.background{ background-color:#78637E }
```

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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