

# Converting Colors

Decimal(7833502)

Have a look what the booklet for  
Decimal(7833502) contains.

<b>Decimal(7833502)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(7833502)**

# Conversions

## Conversions Part 1

Format	Color
Hex	77879E
RGB	119, 135, 158
RGB Percent	47%, 53%, 62%
CMY	0.5333, 0.4706, 0.3804
CMYK	0.25, 0.15, 0.00, 0.38
HSL	215°, 17%, 54%
HSV	215°, 25%, 62%
XYZ	22.4433, 23.7185, 35.7430
YIQ	132.8380, -16.9190, 3.7610

# Conversions

## Conversions Part 2

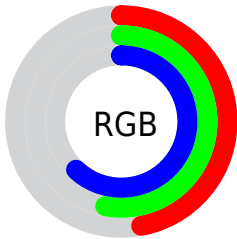
<b>Format</b>	<b>Color</b>
<b>RYB</b>	119, 130, 158
Decimal	7833502
CIELab	55.80, -0.46, -14.17
CIELCh	56, 14.173, 268.138
Yxy	23.7185, 0.2740, 0.2896
Android (android.graphics.Color)	4286023582 (0xFF77879E)
YUV	132.8380, 12.4049, -12.1359
Hunter-Lab	48.7016, -2.9694, -9.4228

# Details

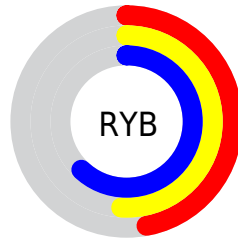
The Decimal color **7833502** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **10391159**, and the grayscale version is **8750469**.

A 20% lighter version of the original color is **11320533**, and **4609387** is the 20% darker color. If you saturate the color by 10%, you get **6782622**, and if you desaturate by 10%, it is **8884382**.

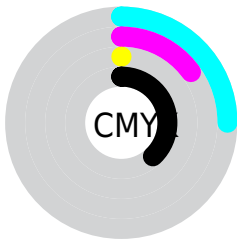
# Distribution



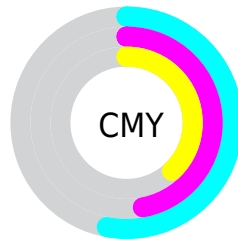
- Red (47%)
- Green (53%)
- Blue (62%)



- Red (47%)
- Yellow (51%)
- Blue (62%)



- Cyan (25%)
- Magenta (15%)
- Yellow (0%)
- Black (38%)



- Cyan (53%)
- Magenta (47%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7833502 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 7833502 by changing the saturation by 10% instead.



■ 7833502

■ 7833502

16777215

■ 6188676

■ 11320533

■ 4609387

■ 13097201

■ 3030610

■ 15004927

■ 1583419

■ 5158

■ 272

■ 0

■ 7833502

■ 7833502

■ 6782622

■ 8884382

■ 5731486

■ 9935518

■ 4746142

■ 10920862

■ 3695262

■ 11971742

■ 2644126

■ 13022878

■ 1593246

■ 14073758

■ 542366

■ 15124638

■ 16798

■ 16110238

■ 16767902

# Harmonies

## Analogous

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



6982298



7833502



8881051

# Triad

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



7833502



10452603



7703416

# Complementary

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



7833502



10391159

# 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.



8620144



7833502



10191217

# Square

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



7833502



10386823



9471341



6983044

# Rectangle

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



7833502



9535638



9471341



7965557



# Sweetspot

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



7833502



12633807



7839374



6317161



15263976



6908265



# Same Dimension

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



7833502



9546447



8026014



4672079



15247



1551



# Inverse Universe

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



10385287



13603242



10198647



5195594



9371707



983046



# Previews

## White Background



This preview shows how the Decimal color 7833502 looks on a white background.

## Color Contrast Check

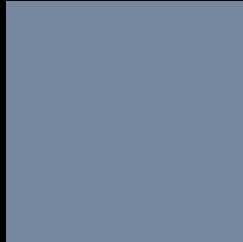
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Decimal color 7833502 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

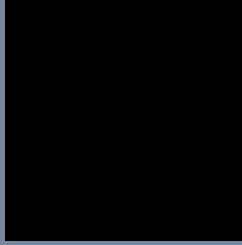
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

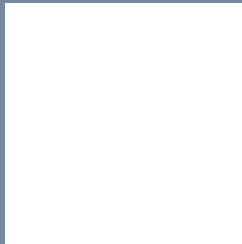
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 7833502 Background



This preview shows how black text looks on a background with the Decimal color 7833502.



This preview shows how white text looks on a background with the Decimal color 7833502.

# 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](#).

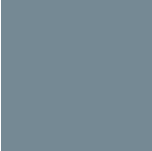
## Dichromacy



**Original Color**  
7833502

**Protanopia**  
8488092

**Deuteranopia**  
8815263



**Tritanopia**  
7702932

# Trichromacy



**Original Color**  
7833502

**Protanomaly**  
8226205

**Deuteranomaly**  
8488095

**Tritanomaly**  
7768216

# Monochromacy



**Original Color**  
7833502

**Achromatopsia**  
8750469

**Achromatomaly**  
8423054

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7833502 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 #77879E looks like.

```
.text, #text, p{  
    color:#77879E  
}
```

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 #77879E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77879E
}
```

## Border

The CSS property to change the border of an element to Decimal 7833502 is called "border". The border property can be set on classes, ids or directly on the HTML element.

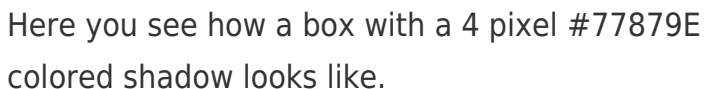
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#77879E }
```

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

```
.border{ border-color:#77879E }
```

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



Here you see how a box with a 4 pixel #77879E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77879E; -webkit-box-shadow:4px 4px  
4px 4px #77879E; box-shadow:4px 4px 4px  
4px #77879E }
```

# Background

The CSS property to change the background color of an element to Decimal 7833502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77879E }
```

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

```
.background{ background-color:#77879E }
```

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? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor