

# Converting Colors

Decimal(7903639)

Have a look what the booklet for  
Decimal(7903639) contains.

<b>Decimal(7903639)</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(7903639)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	789997
RGB	120, 153, 151
RGB Percent	47%, 60%, 59%
CMY	0.5294, 0.4000, 0.4078
CMYK	0.22, 0.00, 0.01, 0.40
HSL	176°, 14%, 54%
HSV	176°, 22%, 60%
XYZ	24.7229, 29.0099, 33.5746
YIQ	142.9050, -19.0260, -7.6180

# Conversions

## Conversions Part 2

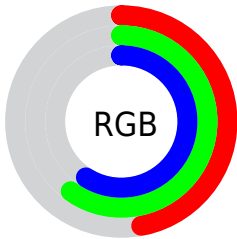
<b>Format</b>	<b>Color</b>
<b>RYB</b>	120, 137, 153
Decimal	7903639
CIELab	60.79, -11.82, -2.72
CIELCh	61, 12.131, 192.961
Yxy	29.0099, 0.2832, 0.3323
Android (android.graphics.Color)	4286093719 (0xFF789997)
YUV	142.9050, 3.9908, -20.0877
Hunter-Lab	53.8608, -12.3225, 0.7437

# Details

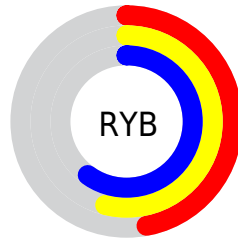
The Decimal color **7903639** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **10057850**, and the grayscale version is **9408399**.

A 20% lighter version of the original color is **11390925**, and **4613732** is the 20% darker color. If you saturate the color by 10%, you get **6920598**, and if you desaturate by 10%, it is **8886680**.

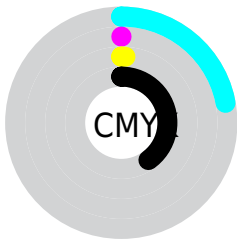
# Distribution



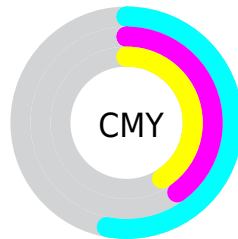
- Red (47%)
- Green (60%)
- Blue (59%)



- Red (47%)
- Yellow (54%)
- Blue (60%)



- Cyan (22%)
- Magenta (0%)
- Yellow (1%)
- Black (40%)



- Cyan (53%)
- Magenta (40%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7903639 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 7903639 by changing the saturation by 10% instead.



■ 7903639

■ 7903639

16777215

■ 6258557

■ 11390925

■ 4613732

■ 13167849

■ 3100236

■ 15073279

■ 1586998

■ 139552

■ 1545

■ 0

■ 7903639

■ 7903639

■ 6920598

■ 8886680

■ 5872021

■ 9935257

■ 4888980

■ 10918298

■ 3905939

■ 11901339

■ 2922898

■ 12949916

■ 1874321

■ 13932957

■ 891281

■ 14915997

■ 39312

■ 15899038

■ 16751007

# Harmonies

## Analogous

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



8362124



7903639



7903393

# Triad

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



7903639



10129058



10588286

# Complementary

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



7903639



10057850

# 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.



11046276



7903639



10849433

# Square

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



7903639



9278119



11111310



9868158

# Rectangle

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



7903639



8230565



11111310



10784640



# Sweetspot

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



7903639



12306374



8034680



6054755



14935011



6513507



# Same Dimension

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



7903639



9684932



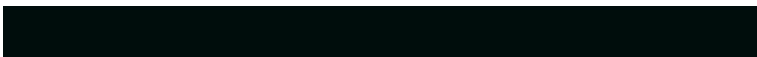
7900057



4541772



35972



3340



# Inverse Universe

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



10057850



13079446



10061432



5064005



9175048



851969



# Previews

## White Background



This preview shows how the Decimal color 7903639 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 7903639 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

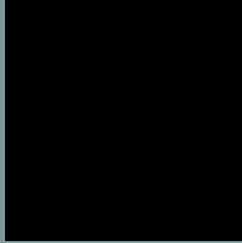
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Decimal 7903639 Background



This preview shows how black text looks on a background with the Decimal color 7903639.

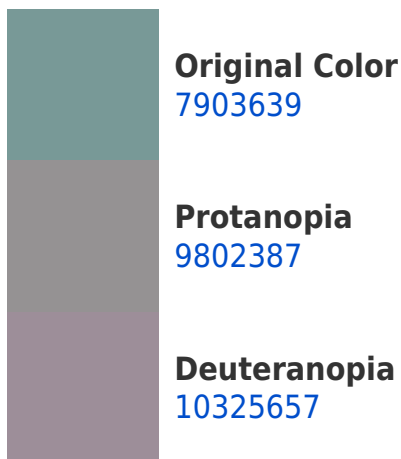



This preview shows how white text looks on a background with the Decimal color 7903639.

# 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](#).

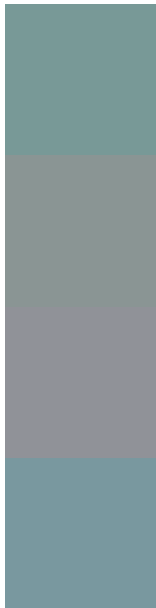
## Dichromacy





**Tritanopia**  
8034211

# Trichromacy



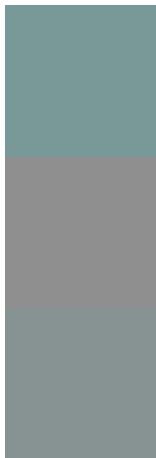
**Original Color**  
7903639

**Protanomaly**  
9082260

**Deuteranomaly**  
9474712

**Tritanomaly**  
7968927

# Monochromacy



**Original Color**  
7903639

**Achromatopsia**  
9408399

**Achromatomaly**  
8885138

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7903639 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 #789997 looks like.

```
.text, #text, p{  
    color:#789997  
}
```

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 #789997 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #789997
}
```

## Border

The CSS property to change the border of an element to Decimal 7903639 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
#789997 }
```

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

```
.border{ border-color:#789997 }
```

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

Here you see how a box with a 4 pixel #789997 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #789997; -webkit-box-shadow:4px 4px  
4px 4px #789997; box-shadow:4px 4px 4px  
4px #789997 }
```

# Background

The CSS property to change the background color of an element to Decimal 7903639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#789997 }
```

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

```
.background{ background-color:#789997 }
```

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