

# Converting Colors

Decimal(7843001)

Have a look what the booklet for  
Decimal(7843001) contains.

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# **Color**

**Decimal(7843001)**

# Conversions

## Conversions Part 1

Format	Color
Hex	77ACB9
RGB	119, 172, 185
RGB Percent	47%, 67%, 73%
CMY	0.5333, 0.3255, 0.2745
CMYK	0.36, 0.07, 0.00, 0.27
HSL	192°, 32%, 60%
HSV	192°, 36%, 73%
XYZ	31.1172, 36.9298, 51.3870
YIQ	157.6350, -35.7610, -7.1930

# Conversions

## Conversions Part 2

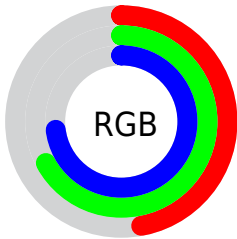
Format	Color
<a href="#">RYB</a>	<a href="#">119, 148, 185</a>
Decimal	<a href="#">7843001</a>
CIELab	<a href="#">67.22, -14.12, -12.22</a>
CIELCh	<a href="#">67, 18.675, 220.886</a>
Yxy	<a href="#">36.9298, 0.2605, 0.3092</a>
Android (android.graphics.Color)	<a href="#">4286033081</a> ( <a href="#">0xFF77ACB9</a> )
YUV	<a href="#">157.6350, 13.4909, -33.8829</a>
Hunter-Lab	<a href="#">60.7699, -14.9463, -7.5968</a>

# Details

The Decimal color **7843001** is a light color, and the websafe version is hex **669999**. A complement of this color would be **12158071**, and the grayscale version is **10395294**.

A 20% lighter version of the original color is **11396081**, and **4421764** is the 20% darker color. If you saturate the color by 10%, you get **6662329**, and if you desaturate by 10%, it is **9089209**.

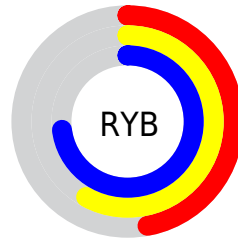
# Distribution



Red (47%)

Green (67%)

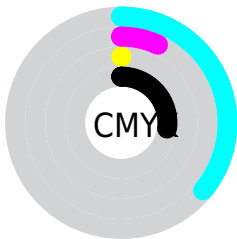
Blue (73%)



Red (47%)

Yellow (58%)

Blue (73%)

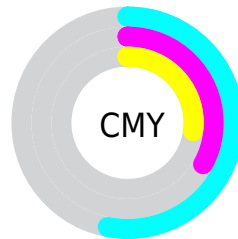


Cyan (36%)

Magenta (7%)

Yellow (0%)

Black (27%)



Cyan (53%)

Magenta (33%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7843001 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 7843001 by changing the saturation by 10% instead.



■ 7843001

■ 7843001

16777215

■ 6132126

■ 11396081

■ 4421764

■ 13303807

■ 2645867

■ 15138815

■ 477011

■ 12347

■ 7206

■ 273

■ 0

■ 7843001

■ 7843001

6662329

9089209

5416377

10269625

4170169

11515833

2989497

12696505

1743545

13942457

562873

15123129

38329

16369337

16763321

16764345

# Harmonies

## Analogous

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



7908777



7843001



8628419

# Triad

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



7843001



12556719



11183235

# Complementary

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



7843001



12158071

# 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.



12230532



7843001



13015198

# Square

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



7843001



11443645



12950158



9939338

# Rectangle

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



7843001



9545157



12950158



11576194



# Sweetspot

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



7843001



14019568



7846275



6845816



16250871



7895160



# Same Dimension

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



7843001



9034736



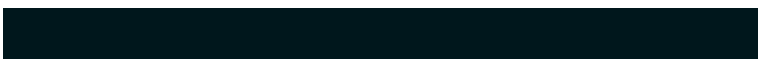
7834809



5462620



32156



5916



# Inverse Universe

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



12154796



15763931



12166263



6050650



10223741



1835031



# Previews

## White Background



This preview shows how the Decimal color 7843001 looks on a white background.

## Color Contrast Check

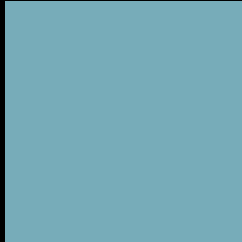
Large Text (above 18pt) WCAG AA × Fail

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 7843001 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

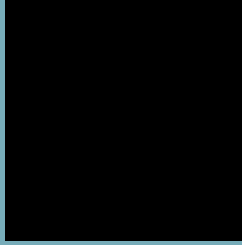
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 7843001 Background



This preview shows how black text looks on a background with the Decimal color 7843001.

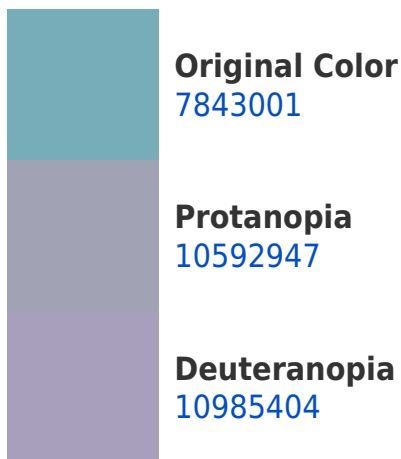



This preview shows how white text looks on a background with the Decimal color 7843001.

# 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**  
7843002

# Trichromacy



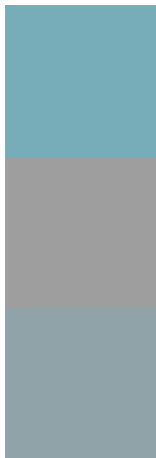
**Original Color**  
7843001

**Protanomaly**  
9610933

**Deuteranomaly**  
9872571

**Tritanomaly**  
7843002

# Monochromacy



**Original Color**  
7843001

**Achromatopsia**  
10395294

**Achromatomaly**  
9479080

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7843001 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 #77ACB9 looks like.

```
.text, #text, p{  
    color:#77ACB9  
}
```

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 #77ACB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77ACB9
}
```

## Border

The CSS property to change the border of an element to Decimal 7843001 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
#77ACB9 }
```

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

```
.border{ border-color:#77ACB9 }
```

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

Here you see how a box with a 4 pixel #77ACB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77ACB9; -webkit-box-shadow:4px 4px  
4px 4px #77ACB9; box-shadow:4px 4px 4px  
4px #77ACB9 }
```

# Background

The CSS property to change the background color of an element to Decimal 7843001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77ACB9 }
```

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

```
.background{ background-color:#77ACB9 }
```

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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