

# Converting Colors

Decimal(7780043)

Have a look what the booklet for  
Decimal(7780043) contains.

<b>Decimal(7780043)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(7780043)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	76B6CB
RGB	118, 182, 203
RGB Percent	46%, 71%, 80%
CMY	0.5373, 0.2863, 0.2039
CMYK	0.42, 0.10, 0.00, 0.20
HSL	195°, 45%, 63%
HSV	195°, 42%, 80%
XYZ	34.9787, 41.6192, 62.6897
YIQ	165.2580, -44.8850, -7.0370

# Conversions

## Conversions Part 2

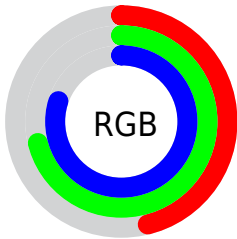
Format	Color
R <sub>Y</sub> B	118, 155, 203
Decimal	7780043
CIE Lab	70.61, -15.00, -17.06
CIE LCh	71, 22.716, 228.677
Yxy	41.6192, 0.2511, 0.2988
Android (android.graphics.Color)	4285970123 (0xFF76B6CB)
YUV	165.2580, 18.6068, -41.4453
Hunter-Lab	64.5130, -16.1158, -12.4552

# Details

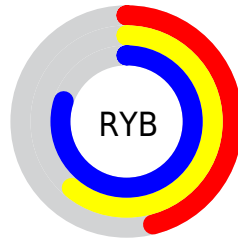
The Decimal color **7780043** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **13339510**, and the grayscale version is **10855845**.

A 20% lighter version of the original color is **11464447**, and **4161941** is the 20% darker color. If you saturate the color by 10%, you get **6468043**, and if you desaturate by 10%, it is **9092043**.

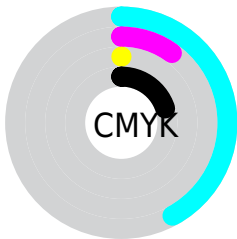
# Distribution



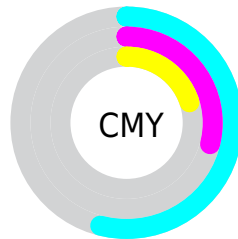
- Red (46%)
- Green (71%)
- Blue (80%)



- Red (46%)
- Yellow (61%)
- Blue (80%)



- Cyan (42%)
- Magenta (10%)
- Yellow (0%)
- Black (20%)



- Cyan (54%)
- Magenta (29%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7780043 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 7780043 by changing the saturation by 10% instead.



■ 7780043

■ 7780043

16777215

■ 6003632

■ 11464447

■ 4161941

■ 13303807

■ 2189435

■ 15204351

■ 20578

■ 14666

■ 9012

■ 1567

■ 2

■ 0

■ 7780043

■ 7780043

■ 6468043

■ 9092043

■ 5090507

■ 10469579

■ 3778507

■ 11781579

■ 2466507

■ 13093579

■ 1154507

■ 14471115

■ 39371

■ 15783115

■ 16767435

■ 16768715

■ 16769995

# Harmonies

## Analogous

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



7583929



7780043



9089493

# Triad

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



7780043



13737909



11513733

# Complementary

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



7780043



13339510

# 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.



12888453



7780043



14130848

# Square

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



7780043



12624840



13804175



9942417

# Rectangle

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



7780043



10268117



13804175



11971972



# Sweetspot

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



7780043



14612479



7785354



7043712



0



8421504

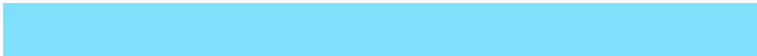


# Same Dimension

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



7780043



8446207



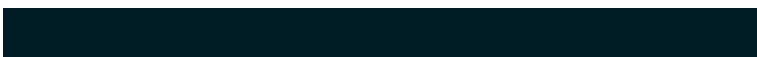
7769547



6054758



32166



7462



# Inverse Universe

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



13334198



16744671



13350006



6708323



10879101

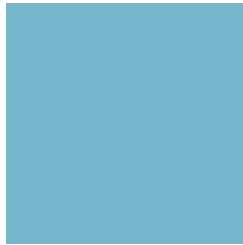


2490397



# Previews

## White Background



This preview shows how the Decimal color 7780043 looks on a white background.

## Color Contrast Check

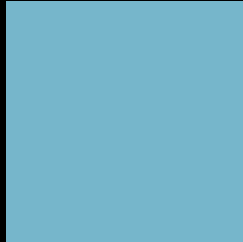
Large Text (above 18pt) WCAG AA × Fail

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 7780043 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

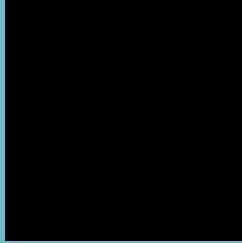
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 7780043 Background



This preview shows how black text looks on a background with the Decimal color 7780043.

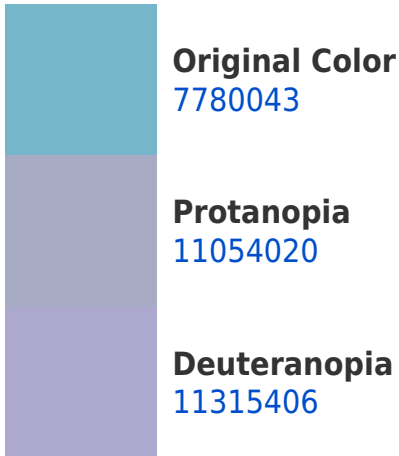


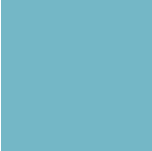
This preview shows how white text looks on a background with the Decimal color 7780043.

# 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](#).

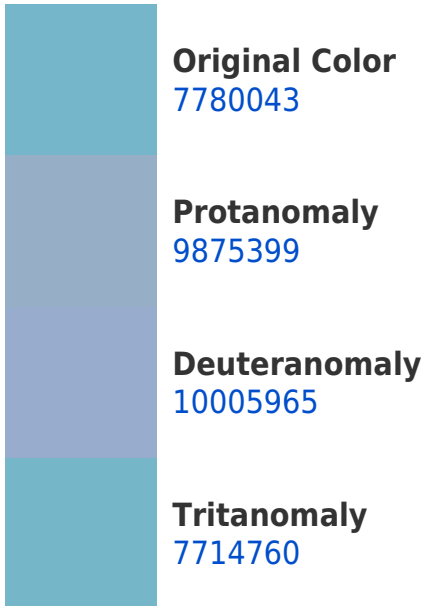
## Dichromacy





**Tritanopia**  
7649222

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7780043 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 #76B6CB looks like.

```
.text, #text, p{  
    color:#76B6CB  
}
```

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 #76B6CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76B6CB
}
```

## Border

The CSS property to change the border of an element to Decimal 7780043 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
#76B6CB }
```

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

```
.border{ border-color:#76B6CB }
```

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

Here you see how a box with a 4 pixel #76B6CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76B6CB; -webkit-box-shadow:4px 4px  
4px 4px #76B6CB; box-shadow:4px 4px 4px  
4px #76B6CB }
```

# Background

The CSS property to change the background color of an element to Decimal 7780043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76B6CB }
```

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

```
.background{ background-color:#76B6CB }
```

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