

# Converting Colors

Decimal(7846871)

Have a look what the booklet for  
Decimal(7846871) contains.

<b>Decimal(7846871)</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(7846871)**

# Conversions

## Conversions Part 1

Format	Color
Hex	77BBD7
RGB	119, 187, 215
RGB Percent	47%, 73%, 84%
CMY	0.5333, 0.2667, 0.1569
CMYK	0.45, 0.13, 0.00, 0.16
HSL	198°, 55%, 65%
HSV	198°, 45%, 84%
XYZ	37.6438, 44.3689, 70.8700
YIQ	169.8600, -49.5160, -5.7080

# Conversions

## Conversions Part 2

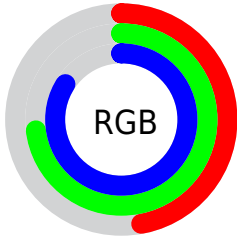
<b>Format</b>	<b>Color</b>
<b>RYB</b>	119, 159, 215
Decimal	7846871
CIELab	72.47, -14.17, -20.78
CIELCh	72, 25.153, 235.720
Yxy	44.3689, 0.2462, 0.2902
Android (android.graphics.Color)	4286036951 (0xFF77BBD7)
YUV	169.8600, 22.2540, -44.6042
Hunter-Lab	66.6100, -15.6903, -16.4549

# Details

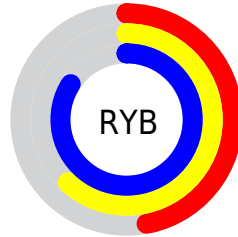
The Decimal color **7846871** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **14127991**, and the grayscale version is **11184810**.

A 20% lighter version of the original color is **11531263**, and **4097696** is the 20% darker color. If you saturate the color by 10%, you get **6469079**, and if you desaturate by 10%, it is **9290199**.

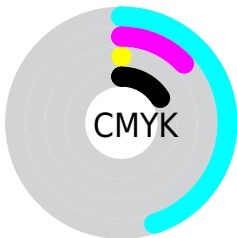
# Distribution



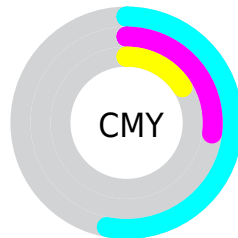
- Red (47%)
- Green (73%)
- Blue (84%)



- Red (47%)
- Yellow (62%)
- Blue (84%)



- Cyan (45%)
- Magenta (13%)
- Yellow (0%)
- Black (16%)



- Cyan (53%)
- Magenta (27%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7846871 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 7846871 by changing the saturation by 10% instead.



■ 7846871

■ 7846871

16777215

■ 6004923

■ 11531263

■ 4097696

■ 13434879

■ 1993862

■ 15335423

■ 21613

■ 15700

■ 10045

■ 4647

■ 273

■ 0

■ 7846871

■ 7846871

■ 6469079

■ 9290199

■ 5025495

■ 10668247

■ 3647703

■ 12111575

■ 2204375

■ 13489367

■ 826583

■ 14932695

■ 39127

■ 16310743

■ 16771031

■ 16772567

■ 16774103

# Harmonies

## Analogous

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



7323333



7846871



9549279

# Triad

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



7846871



14524854



11449992

# Complementary

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



7846871



14127991

# 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.



13021060



7846871



14787231

# Square

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



7846871



13412044



14198925



9682071

# Rectangle

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



7846871



10989790



14198925



11973765

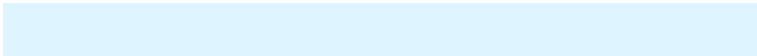


# Sweetspot

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



7846871



14611967



7853970



7043712



0



8421504

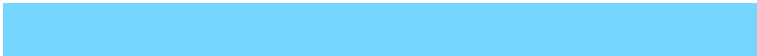


# Same Dimension

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



7846871



7723007



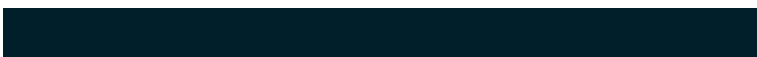
7834839



6318187



31147



7979



# Inverse Universe

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



14120891



16741847



14140023



7037032



11206777

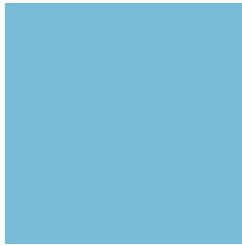


2818079



# Previews

## White Background



This preview shows how the Decimal color 7846871 looks on a white background.

## Color Contrast Check

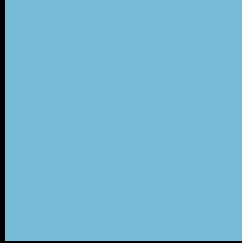
Large Text (above 18pt) WCAG AA × Fail

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 7846871 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 7846871 Background



This preview shows how black text looks on a background with the Decimal color 7846871.



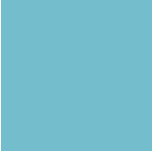
This preview shows how white text looks on a background with the Decimal color 7846871.

# 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](#).

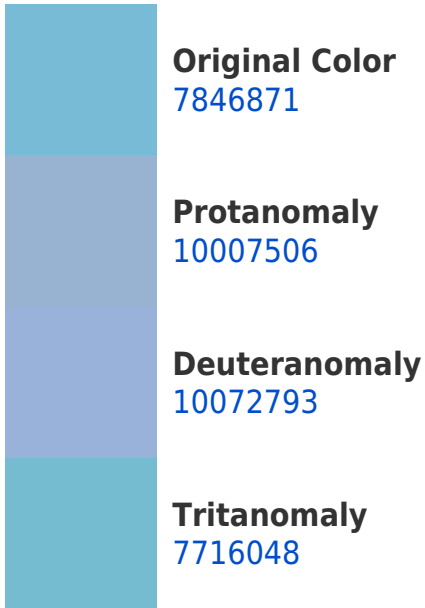
## Dichromacy





**Tritanopia**  
7650764

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7846871 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 #77BBD7 looks like.

```
.text, #text, p{  
    color:#77BBD7  
}
```

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 #77BBD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77BBD7  
}
```

## Border

The CSS property to change the border of an element to Decimal 7846871 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  
#77BBD7 }
```

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

```
.border{ border-color:#77BBD7 }
```

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

Here you see how a box with a 4 pixel #77BBD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77BBD7; -webkit-box-shadow:4px 4px  
4px 4px #77BBD7; box-shadow:4px 4px 4px  
4px #77BBD7 }
```

# Background

The CSS property to change the background color of an element to Decimal 7846871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77BBD7 }
```

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

```
.background{ background-color:#77BBD7 }
```

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