

# Converting Colors

Decimal(7843804)

Have a look what the booklet for  
Decimal(7843804) contains.

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# **Color**

**Decimal(7843804)**

# Conversions

## Conversions Part 1

Format	Color
Hex	77AFDC
RGB	119, 175, 220
RGB Percent	47%, 69%, 86%
CMY	0.5333, 0.3137, 0.1373
CMYK	0.46, 0.20, 0.00, 0.14
HSL	207°, 59%, 66%
HSV	207°, 46%, 86%
XYZ	35.8560, 39.7492, 73.4927
YIQ	163.3860, -47.8210, 2.1230

# Conversions

## Conversions Part 2

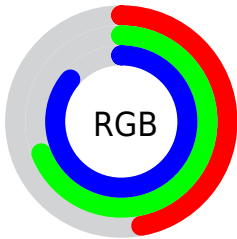
<b>Format</b>	<b>Color</b>
<b>RYB</b>	119, 155, 220
Decimal	7843804
CIELab	69.29, -6.35, -28.39
CIELCh	69, 29.088, 257.388
Yxy	39.7492, 0.2405, 0.2666
Android (android.graphics.Color)	4286033884 (0xFF77AFDC)
YUV	163.3860, 27.9107, -38.9265
Hunter-Lab	63.0470, -8.8159, -24.9804

# Details

The Decimal color **7843804** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **14460023**, and the grayscale version is **10724259**.

A 20% lighter version of the original color is **11527935**, and **4094885** is the 20% darker color. If you saturate the color by 10%, you get **6399452**, and if you desaturate by 10%, it is **9288156**.

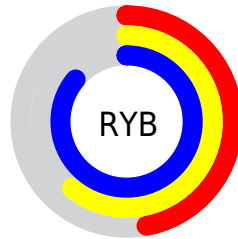
# Distribution



Red (47%)

Green (69%)

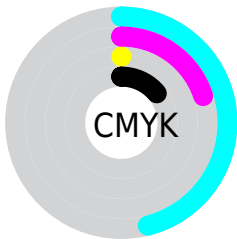
Blue (86%)



Red (47%)

Yellow (61%)

Blue (86%)

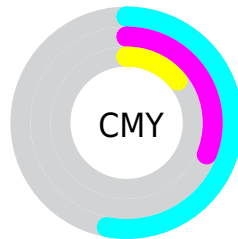


Cyan (46%)

Magenta (20%)

Yellow (0%)

Black (14%)



Cyan (53%)

Magenta (31%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7843804 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 7843804 by changing the saturation by 10% instead.



■ 7843804

■ 7843804

16777215

■ 6001856

■ 11527935

■ 4094885

■ 13434879

■ 1925770

■ 15335423

■ 19057

■ 13400

■ 8000

■ 810

■ 277

■ 0

■ 7843804

■ 7843804

■ 6399452

■ 9288156

■ 4955100

■ 10732508

■ 3511004

■ 12176604

■ 2066652

■ 13620956

■ 622300

■ 15065308

■ 31452

■ 16509660

■ 16774364

■ 16776668

■ 16777180

# Harmonies

## Analogous

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



5944783



7843804



10397403

# Triad

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



7843804



14587547



9352069

# Complementary

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



7843804



1446023

# 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.



11316342



7843804



14195588

# Square

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



7843804



14063541



13018230



7387037

# Rectangle

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



7843804



11903187



13018230



10006911

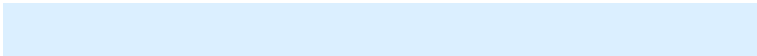


# Sweetspot

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



7843804



14413823



7855267



6977152



0



8421504

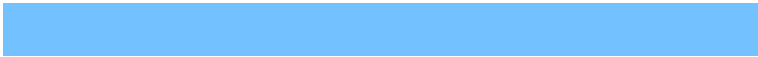


# Same Dimension

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



7843804



7586303



7831260



6515054



24749



6446



# Inverse Universe

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



14448559



16741313



14472567



7234409



11337824



3014681



# Previews

## White Background



This preview shows how the Decimal color 7843804 looks on a white background.

## Color Contrast Check

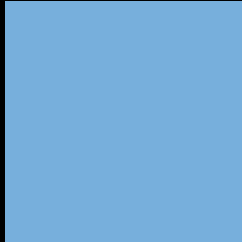
Large Text (above 18pt) WCAG AA × Fail

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 7843804 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 7843804 Background



This preview shows how black text looks on a background with the Decimal color 7843804.

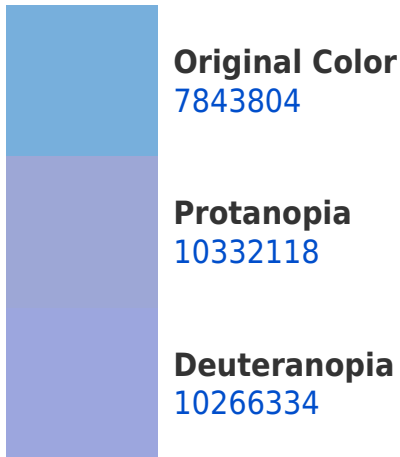


This preview shows how white text looks on a background with the Decimal color 7843804.

# 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**  
7320770

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7843804 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 #77AFDC looks like.

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

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 #77AFDC colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Decimal 7843804 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
#77AFDC }
```

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

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

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

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

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

# Background

The CSS property to change the background color of an element to Decimal 7843804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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