

# Converting Colors

Decimal(7845349)

Have a look what the booklet for  
Decimal(7845349) contains.

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# **Color**

**Decimal(7845349)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	77B5E5
RGB	119, 181, 229
RGB Percent	47%, 71%, 90%
CMY	0.5333, 0.2902, 0.1020
CMYK	0.48, 0.21, 0.00, 0.10
HSL	206°, 68%, 68%
HSV	206°, 48%, 90%
XYZ	38.2745, 42.6268, 80.3393
YIQ	167.9340, -52.3600, 1.7840

# Conversions

## Conversions Part 2

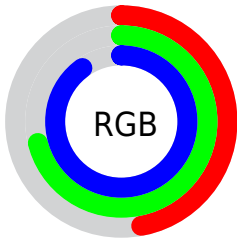
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	119, 159, 229
Decimal	7845349
CIE <sub>Lab</sub>	71.30, -7.07, -30.21
CIE <sub>LCh</sub>	71, 31.023, 256.827
Yxy	42.6268, 0.2374, 0.2644
Android (android.graphics.Color)	4286035429 (0xFF77B5E5)
YUV	167.9340, 30.1055, -42.9151
Hunter-Lab	65.2892, -9.6141, -27.2547

# Details

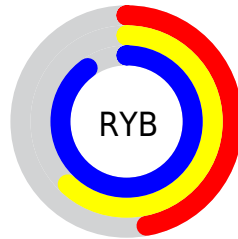
The Decimal color **7845349** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **15050615**, and the grayscale version is **11053224**.

A 20% lighter version of the original color is **11595263**, and **4030637** is the 20% darker color. If you saturate the color by 10%, you get **6335461**, and if you desaturate by 10%, it is **9355237**.

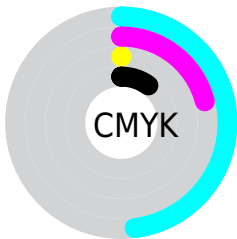
# Distribution



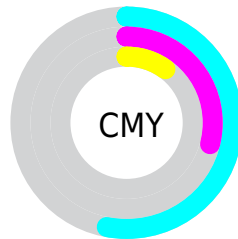
- Red (47%)
- Green (71%)
- Blue (90%)



- Red (47%)
- Yellow (62%)
- Blue (90%)



- Cyan (48%)
- Magenta (21%)
- Yellow (0%)
- Black (10%)



- Cyan (53%)
- Magenta (29%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7845349 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 7845349 by changing the saturation by 10% instead.



■ 7845349

■ 7845349

16777215

■ 5937865

■ 11595263

■ 4030637

■ 13500415

■ 1599379

■ 15466495

■ 20345

■ 14688

■ 9032

■ 3377

■ 283

■ 0

■ 7845349

■ 7845349

■ 6335461

■ 9355237

■ 4825573

■ 10865125

■ 3315685

■ 12375013

■ 1805797

■ 13884901

■ 295909

■ 15394789

■ 33253

■ 16773605

■ 16776165

■ 16777189

# Harmonies

## Analogous

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



5749719



7845349



10595556

# Triad

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



7845349



15178400



9615751

# Complementary

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



7845349



15050615

# 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.



11711096



7845349



14786439

# Square

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



7845349



14654396



13543800



7454113

# Rectangle

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



7845349



12297692



13543800



10336129

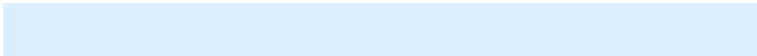


# Sweetspot

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



7845349



14413823



7857575



6977152



0



8421504

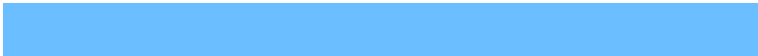


# Same Dimension

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



7845349



7061247



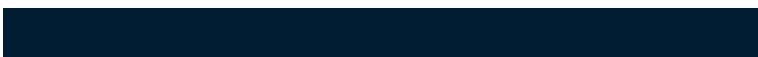
7831269



6778483



26035



7475



# Inverse Universe

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



15038389



16739262



15064695



7563118



11731045

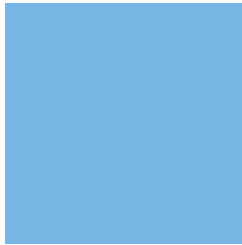


3342365



# Previews

## White Background



This preview shows how the Decimal color 7845349 looks on a white background.

## Color Contrast Check

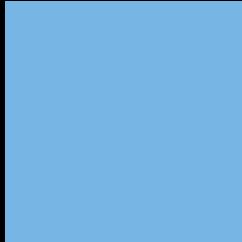
Large Text (above 18pt) WCAG AA × Fail

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 7845349 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

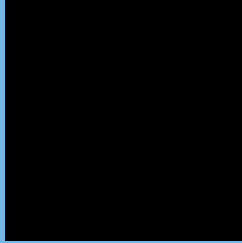
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

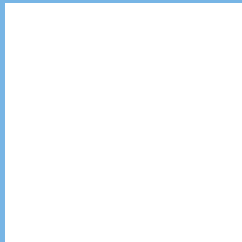
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 7845349 Background



This preview shows how black text looks on a background with the Decimal color 7845349.

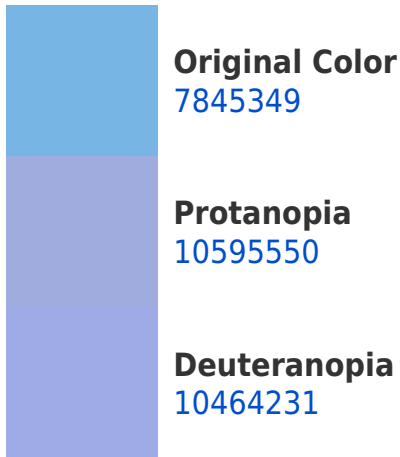


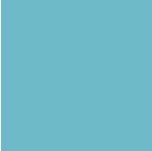
This preview shows how white text looks on a background with the Decimal color 7845349.

# 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**  
7256777

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7845349 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 #77B5E5 looks like.

```
.text, #text, p{  
    color:#77B5E5  
}
```

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 #77B5E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77B5E5
}
```

## Border

The CSS property to change the border of an element to Decimal 7845349 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
#77B5E5 }
```

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

```
.border{ border-color:#77B5E5 }
```

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

Here you see how a box with a 4 pixel #77B5E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77B5E5; -webkit-box-shadow:4px 4px  
4px 4px #77B5E5; box-shadow:4px 4px 4px  
4px #77B5E5 }
```

# Background

The CSS property to change the background color of an element to Decimal 7845349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77B5E5 }
```

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

```
.background{ background-color:#77B5E5 }
```

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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