

# Converting Colors

Decimal(7987199)

Have a look what the booklet for  
Decimal(7987199) contains.

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# **Color**

**Decimal(7987199)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	79DFFF
RGB	121, 223, 255
RGB Percent	47%, 87%, 100%
CMY	0.5255, 0.1255, 0.0000
CMYK	0.53, 0.13, 0.00, 0.00
HSL	194°, 100%, 74%
HSV	194°, 53%, 100%
XYZ	52.3228, 64.0603, 104.2149
YIQ	196.1500, -71.0640, -11.6720

# Conversions

## Conversions Part 2

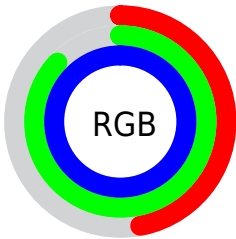
Format	Color
R <sub>Y</sub> B	121, 179, 255
Decimal	7987199
CIE Lab	84.00, -21.24, -24.69
CIE LCh	84, 32.569, 229.298
Yxy	64.0603, 0.2372, 0.2904
Android (android.graphics.Color)	4286177279 (0xFF79DFFF)
YUV	196.1500, 29.0131, -65.9065
Hunter-Lab	80.0377, -23.3756, -21.1735

# Details

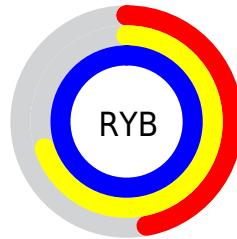
The Decimal color **7987199** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **16750969**, and the grayscale version is **12895428**.

A 20% lighter version of the original color is **11927551**, and **3647686** is the 20% darker color. If you saturate the color by 10%, you get **6347263**, and if you desaturate by 10%, it is **9692671**.

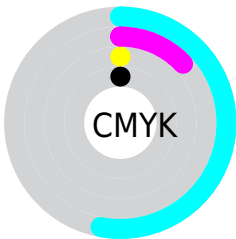
# Distribution



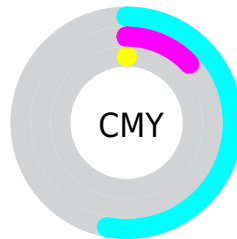
- Red (47%)
- Green (87%)
- Blue (100%)



- Red (47%)
- Yellow (70%)
- Blue (100%)



- Cyan (53%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (53%)
- Magenta (13%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7987199 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 7987199 by changing the saturation by 10% instead.



7987199

7987199

16777215

5948386

11927551

3647686

13893631

36267

15859711

29584

23415

17246

11334

6447

282

■ 7987199

■ 7987199

■ 6347263

■ 9692671

■ 4641791

■ 11332607

■ 2936319

■ 12972543

■ 1296383

■ 14678015

■ 49919

■ 16383487

16777215

# Harmonies

## Analogous

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



7725797



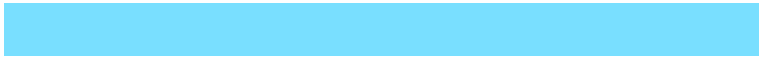
7987199



10213631

# Triad

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



7987199



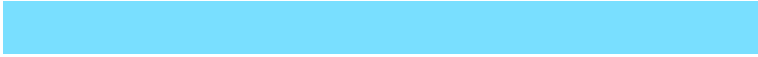
16760030



13883031

# Complementary

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



7987199



16750969

# 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.



15912086



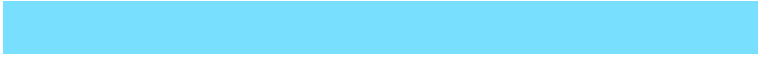
7987199



16759999

# Square

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



7987199



15647738



16761508



11591337

# Rectangle

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



7987199



12112383



16761508

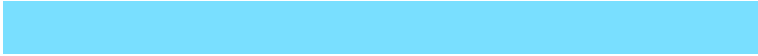


14603157

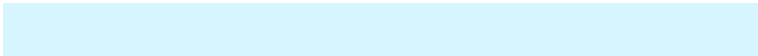


# Sweetspot

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



7987199



14087679



7995288



6781568



0

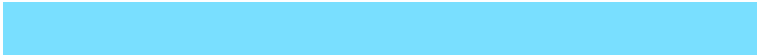


8421504



# Same Dimension

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



7987199



6216191



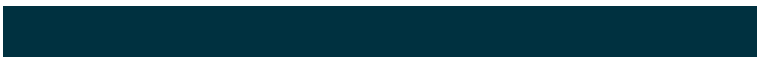
7970303



7568512



37567



12608



# Inverse Universe

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



16742879



16735961



16767865



8418172



12517522

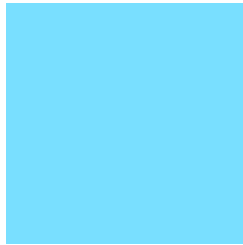


4194353



# Previews

## White Background



This preview shows how the Decimal color 7987199 looks on a white background.

## Color Contrast Check

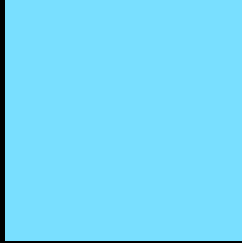
Large Text (above 18pt) WCAG AA × Fail

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 7987199 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 7987199 Background



This preview shows how black text looks on a background with the Decimal color 7987199.

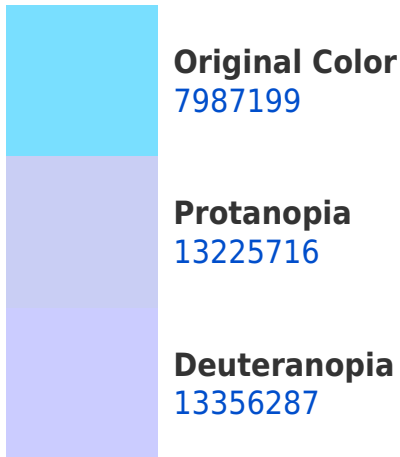


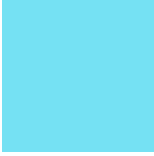
This preview shows how white text looks on a background with the Decimal color 7987199.

# 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](#).

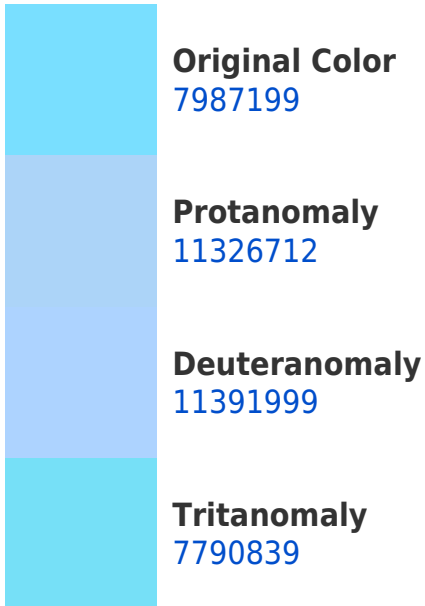
## Dichromacy



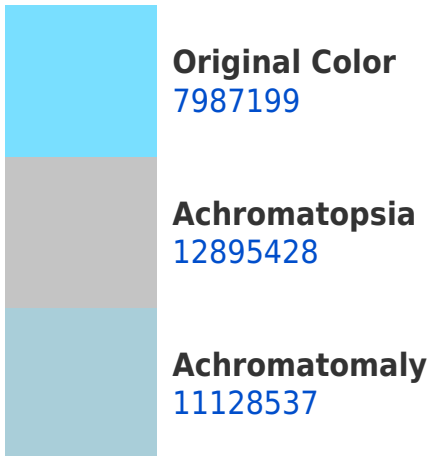


**Tritanopia**  
7725555

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7987199 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 #79DFFF looks like.

```
.text, #text, p{  
    color:#79DFFF  
}
```

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 #79DFFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79DFFF }  
}
```

## Border

The CSS property to change the border of an element to Decimal 7987199 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 #79DFFF }  
}
```

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

```
.border{ border-color:#79DFFF }
```

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

Here you see how a box with a 4 pixel #79DFFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79DFFF; -webkit-box-shadow:4px 4px  
4px 4px #79DFFF; box-shadow:4px 4px 4px  
4px #79DFFF }
```

# Background

The CSS property to change the background color of an element to Decimal 7987199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79DFFF }
```

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

```
.background{ background-color:#79DFFF }
```

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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