

# Converting Colors

Decimal(10800873)

Have a look what the booklet for  
Decimal(10800873) contains.

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# **Color**

**Decimal(10800873)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A4CEE9
RGB	164, 206, 233
RGB Percent	64%, 81%, 91%
CMY	0.3569, 0.1922, 0.0863
CMYK	0.30, 0.12, 0.00, 0.09
HSL	203°, 61%, 78%
HSV	203°, 30%, 91%
XYZ	52.0891, 57.9183, 85.5248
YIQ	196.5200, -33.6990, -0.5070

# Conversions

## Conversions Part 2

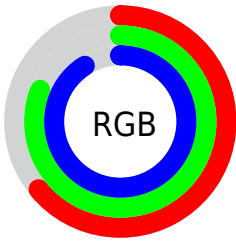
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 190, 233
Decimal	10800873
CIELab	80.69, -7.61, -17.82
CIELCh	81, 19.377, 246.877
Yxy	57.9183, 0.2664, 0.2962
Android (android.graphics.Color)	4288990953 (0xFFA4CEE9)
YUV	196.5200, 17.9846, -28.5200
Hunter-Lab	76.1041, -11.0086, -13.3565

# Details

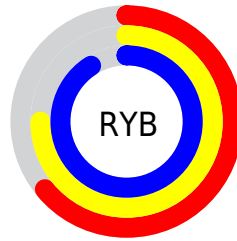
The Decimal color **10800873** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **15318948**, and the grayscale version is **12895428**.

A 20% lighter version of the original color is **14483455**, and **7248049** is the 20% darker color. If you saturate the color by 10%, you get **9291241**, and if you desaturate by 10%, it is **12310505**.

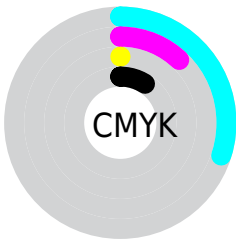
# Distribution



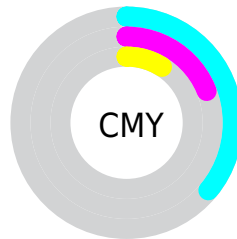
- Red (64%)
- Green (81%)
- Blue (91%)



- Red (64%)
- Yellow (75%)
- Blue (91%)



- Cyan (30%)
- Magenta (12%)
- Yellow (0%)
- Black (9%)

















- Cyan (36%)
- Magenta (19%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10800873 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 10800873 by changing the saturation by 10% instead.



 10800873	 10800873
 16777215	 9024461
 14483455	 7248049
 16383999	 5537431
	 3827069
	 2116964
	 13900
	 8501
	 1824
	 4

■ 10800873

■ 10800873

■ 9291241

■ 12310505

■ 7716073

■ 13885673

■ 6206441

■ 15395305

■ 4696809

■ 16773865

■ 3186921

■ 16776425

■ 1611753

■ 16777193

■ 102121

■ 36585

# Harmonies

## Analogous

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



10080989



10800873



12175596

# Triad

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



10800873



15580357



12504747

# Complementary

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



10800873



15318948

# 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.



13813924



10800873



15580851

# Square

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



10800873



14990807



14926504



11195066

# Rectangle

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



10800873



13223144



14926504



12962984

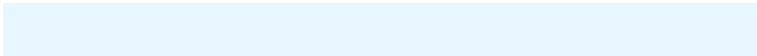


# Sweetspot

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



10800873



15267583



10807742



7436928



0



8421504

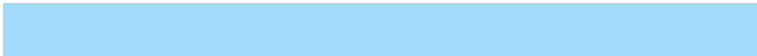


# Same Dimension

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



10800873



10738687



10792169



6975861



28341



8502



# Inverse Universe

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



15312078



16753627



15327652



7694961



11862126

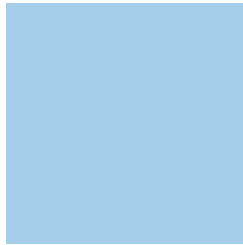


3538977



# Previews

## White Background



This preview shows how the Decimal color 10800873 looks on a white background.

## Color Contrast Check

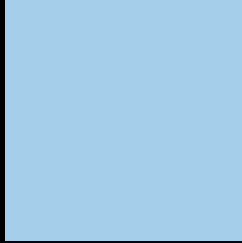
Large Text (above 18pt) WCAG AA × Fail

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 10800873 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 10800873 Background



This preview shows how black text looks on a background with the Decimal color 10800873.

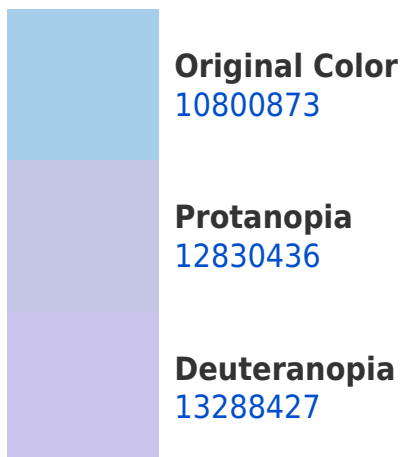


This preview shows how white text looks on a background with the Decimal color 10800873.

# 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



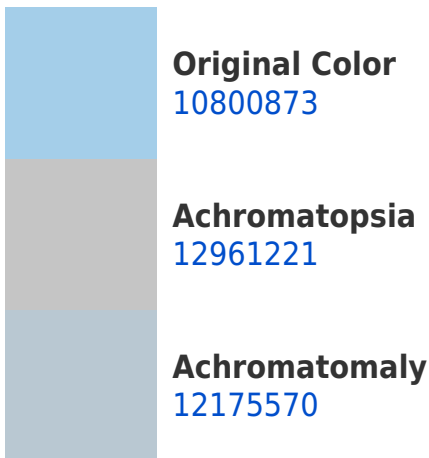


**Tritanopia**  
10670048

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10800873 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 #A4CEE9 looks like.

```
.text, #text, p{  
    color:#A4CEE9  
}
```

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 #A4CEE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4CEE9
}
```

## Border

The CSS property to change the border of an element to Decimal 10800873 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
#A4CEE9 }
```

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

```
.border{ border-color:#A4CEE9 }
```

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

Here you see how a box with a 4 pixel #A4CEE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4CEE9; -webkit-box-shadow:4px 4px  
4px 4px #A4CEE9; box-shadow:4px 4px 4px  
4px #A4CEE9 }
```

# Background

The CSS property to change the background color of an element to Decimal 10800873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4CEE9 }
```

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

```
.background{ background-color:#A4CEE9 }
```

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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