

# Converting Colors

Decimal(10800883)

Have a look what the booklet for  
Decimal(10800883) contains.

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# **Color**

**Decimal(10800883)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A4CEF3
RGB	164, 206, 243
RGB Percent	64%, 81%, 95%
CMY	0.3569, 0.1922, 0.0471
CMYK	0.33, 0.15, 0.00, 0.05
HSL	208°, 77%, 80%
HSV	208°, 33%, 95%
XYZ	53.5588, 58.5062, 93.2640
YIQ	197.6600, -36.9090, 2.6030

# Conversions

## Conversions Part 2

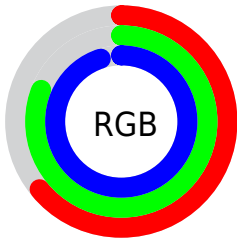
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 191, 243
Decimal	10800883
CIELab	81.02, -5.20, -22.66
CIELCh	81, 23.254, 257.073
Yxy	58.5062, 0.2608, 0.2849
Android (android.graphics.Color)	4288990963 (0xFFA4CEF3)
YUV	197.6600, 22.3526, -29.5198
Hunter-Lab	76.4893, -8.8684, -18.7502

# Details

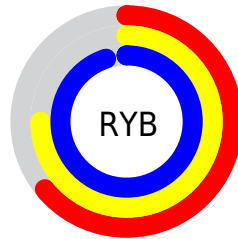
The Decimal color **10800883** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **15976868**, and the grayscale version is **12961221**.

A 20% lighter version of the original color is **14548991**, and **7248059** is the 20% darker color. If you saturate the color by 10%, you get **9225203**, and if you desaturate by 10%, it is **12376563**.

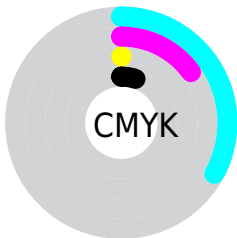
# Distribution



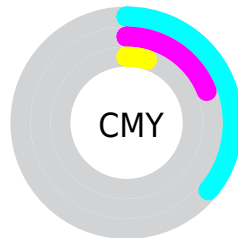
- Red (64%)
- Green (81%)
- Blue (95%)



- Red (64%)
- Yellow (75%)
- Blue (95%)



- Cyan (33%)
- Magenta (15%)
- Yellow (0%)
- Black (5%)



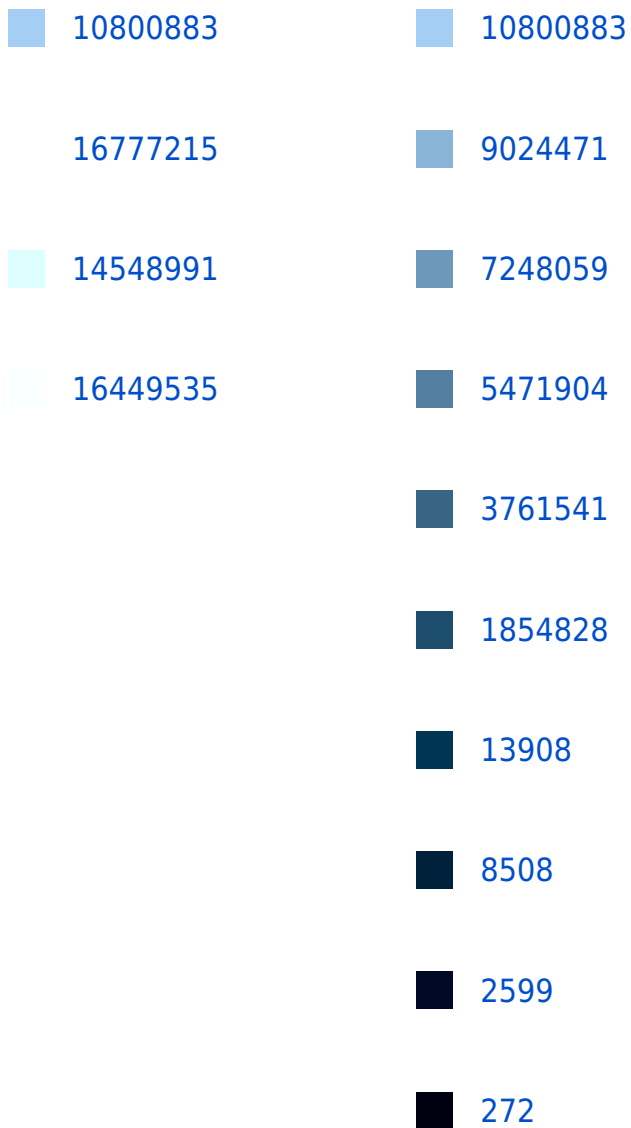
- Cyan (36%)
- Magenta (19%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10800883 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 10800883 by changing the saturation by 10% instead.





■ 10800883

■ 10800883

■ 9225203

■ 12376563

■ 7583731

■ 14018035

■ 6008051

■ 15593715

■ 4432115

■ 16776435

■ 2856435

■ 16777203

■ 1215219

■ 33267

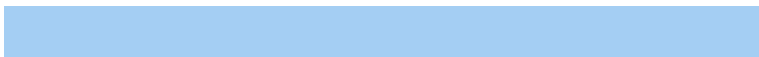
# Harmonies

## Analogous

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



9491432



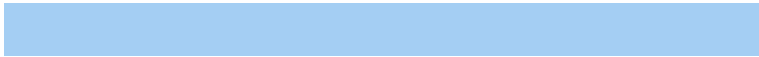
10800883



12699635

# Triad

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



10800883



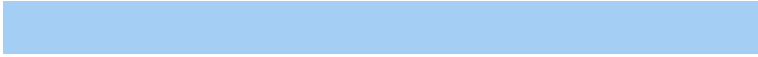
16169661



11850411

# Complementary

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



10800883



15976868

# 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.



13487264



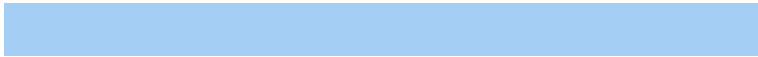
10800883



15908522

# Square

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



10800883



15711188



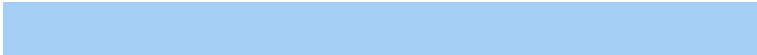
14927263



10343871

# Rectangle

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



10800883



13877996



14927263

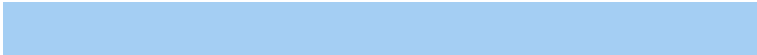


12374182



# Sweetspot

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



10800883



15135743



10810313



7370880



0



8421504

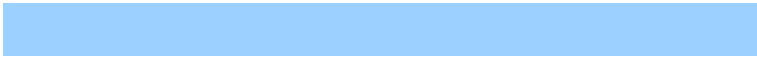


# Same Dimension

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



10800883



10277119



10790899



7239034



25530



7995



# Inverse Universe

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



15967438



16751824



15986852



8023669



12189795

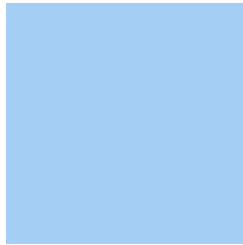


3866655



# Previews

## White Background



This preview shows how the Decimal color 10800883 looks on a white background.

## Color Contrast Check

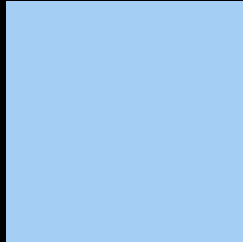
Large Text (above 18pt) WCAG AA × Fail

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 10800883 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

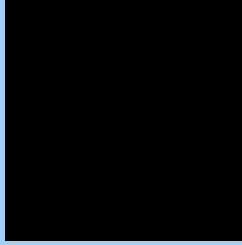
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

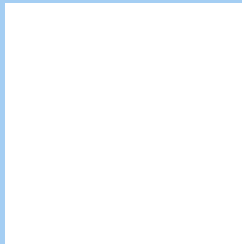
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 10800883 Background



This preview shows how black text looks on a background with the Decimal color 10800883.



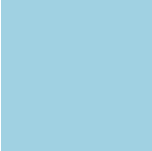
This preview shows how white text looks on a background with the Decimal color 10800883.

# 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](#).

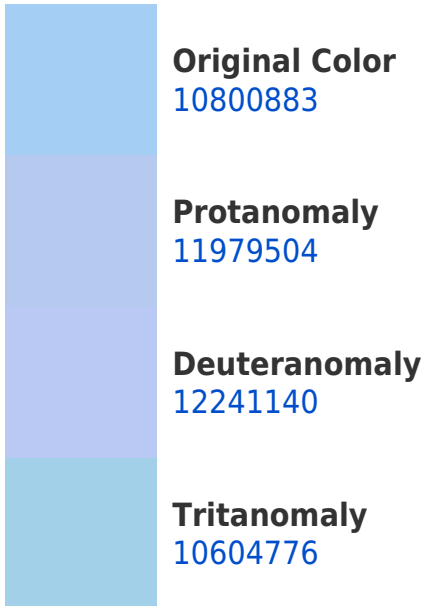
## Dichromacy



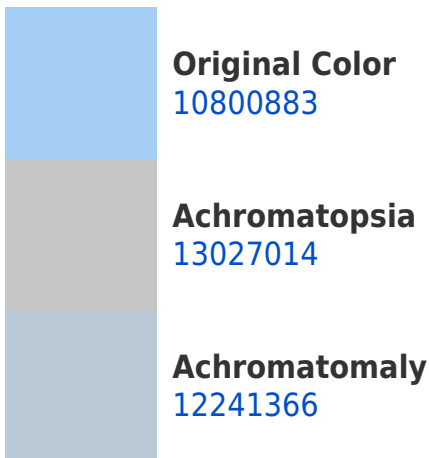


**Tritanopia**  
10539490

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10800883 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 #A4CEF3 looks like.

```
.text, #text, p{  
    color:#A4CEF3  
}
```

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 #A4CEF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4CEF3  
}
```

## Border

The CSS property to change the border of an element to Decimal 10800883 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  
#A4CEF3 }
```

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

```
.border{ border-color:#A4CEF3 }
```

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

Here you see how a box with a 4 pixel #A4CEF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4CEF3; -webkit-box-shadow:4px 4px  
4px 4px #A4CEF3; box-shadow:4px 4px 4px  
4px #A4CEF3 }
```

# Background

The CSS property to change the background color of an element to Decimal 10800883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4CEF3 }
```

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

```
.background{ background-color:#A4CEF3 }
```

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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