

# Converting Colors

Decimal(9880831)

Have a look what the booklet for  
Decimal(9880831) contains.

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# **Color**

**Decimal(9880831)**

# Conversions

## Conversions Part 1

Format	Color
Hex	96C4FF
RGB	150, 196, 255
RGB Percent	59%, 77%, 100%
CMY	0.4118, 0.2314, 0.0000
CMYK	0.41, 0.23, 0.00, 0.00
HSL	214°, 100%, 79%
HSV	214°, 41%, 100%
XYZ	50.3676, 53.1839, 102.2186
YIQ	188.9720, -46.3550, 8.5970

# Conversions

## Conversions Part 2

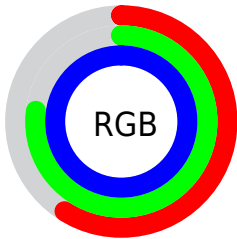
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	150, 182, 255
Decimal	9880831
CIE <sub>Lab</sub>	77.98, -0.49, -33.79
CIE <sub>LCh</sub>	78, 33.796, 269.174
Yxy	53.1839, 0.2448, 0.2585
Android (android.graphics.Color)	4288070911 (0xFF96C4FF)
YUV	188.9720, 32.5518, -34.1784
Hunter-Lab	72.9273, -4.3408, -32.0548

# Details

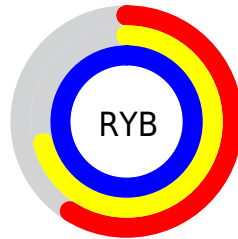
The Decimal color **9880831** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **16765334**, and the grayscale version is **12434877**.

A 20% lighter version of the original color is **13630719**, and **6196934** is the 20% darker color. If you saturate the color by 10%, you get **8238847**, and if you desaturate by 10%, it is **11588351**.

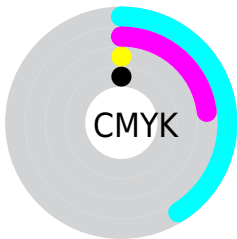
# Distribution



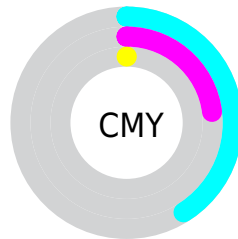
- Red (59%)
- Green (77%)
- Blue (100%)



- Red (59%)
- Yellow (71%)
- Blue (100%)



- Cyan (41%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (41%)
- Magenta (23%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9880831 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 9880831 by changing the saturation by 10% instead.



■ 9880831

■ 9880831

16777215

■ 8038882

■ 13630719

■ 6196934

■ 15597567

■ 4289963

■ 2186640

■ 17782

■ 12125

■ 6981

■ 1071

■ 281

■ 9880831

■ 9880831

■ 8238847

■ 11588351

■ 6531071

■ 13230591

■ 4889087

■ 14938111

■ 3181567

■ 16580095

■ 1539327

16777215

■ 28927

# Harmonies

## Analogous

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



7065078



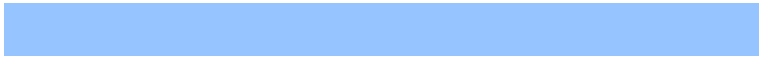
9880831



12892663

# Triad

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



9880831



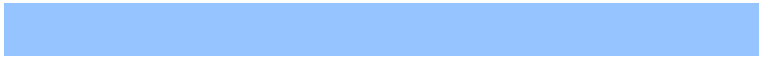
16755876



9621408

# Complementary

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



9880831



16765334

# 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.



12044425



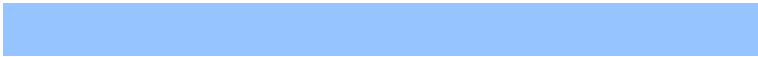
9880831



15840396

# Square

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



9880831



16558531



14204802



7328447

# Rectangle

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



9880831



14594794



14204802

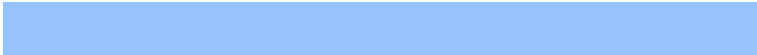


10407319

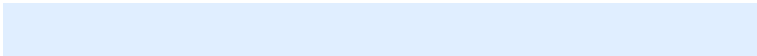


# Sweetspot

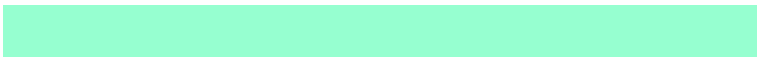
The Sweet Spot groups the original color and five complimentary colors.



9880831



14741247



9895888



7239040



0



8421504

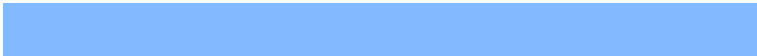


# Same Dimension

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



9880831



8567295



10196735



7567488



21695



7232



# Inverse Universe

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



16750276



16745145



16449430



8418168



12517460

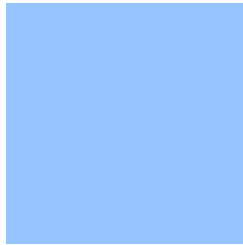


4194332



# Previews

## White Background



This preview shows how the Decimal color 9880831 looks on a white background.

## Color Contrast Check

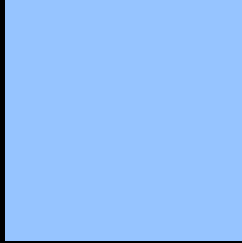
Large Text (above 18pt) WCAG AA × Fail

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 9880831 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

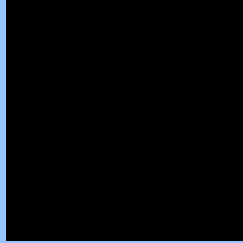
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

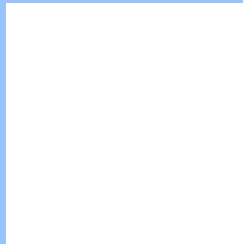
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 9880831 Background



This preview shows how black text looks on a background with the Decimal color 9880831.



This preview shows how white text looks on a background with the Decimal color 9880831.

# 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**  
9227227

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9880831 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 #96C4FF looks like.

```
.text, #text, p{  
    color:#96C4FF  
}
```

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 #96C4FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96C4FF
}
```

## Border

The CSS property to change the border of an element to Decimal 9880831 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
#96C4FF }
```

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

```
.border{ border-color:#96C4FF }
```

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

Here you see how a box with a 4 pixel #96C4FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96C4FF; -webkit-box-shadow:4px 4px  
4px 4px #96C4FF; box-shadow:4px 4px 4px  
4px #96C4FF }
```

# Background

The CSS property to change the background color of an element to Decimal 9880831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96C4FF }
```

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

```
.background{ background-color:#96C4FF }
```

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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