

# Converting Colors

Decimal(9889777)

Have a look what the booklet for  
Decimal(9889777) contains.

<b>Decimal(9889777)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(9889777)**

# Conversions

## Conversions Part 1

Format	Color
Hex	96E7F1
RGB	150, 231, 241
RGB Percent	59%, 91%, 95%
CMY	0.4118, 0.0941, 0.0549
CMYK	0.38, 0.04, 0.00, 0.05
HSL	187°, 76%, 77%
HSV	187°, 38%, 95%
XYZ	57.0308, 69.9867, 93.7220
YIQ	207.9210, -51.4860, -14.0620

# Conversions

## Conversions Part 2

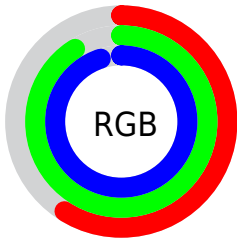
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	150, 193, 241
Decimal	9889777
CIE <sub>Lab</sub>	86.99, -22.20, -12.68
CIE <sub>LCh</sub>	87, 25.567, 209.732
Yxy	69.9867, 0.2584, 0.3171
Android (android.graphics.Color)	4288079857 (0xFF96E7F1)
YUV	207.9210, 16.3079, -50.7967
Hunter-Lab	83.6581, -24.7159, -7.8619

# Details

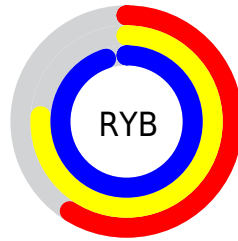
The Decimal color **9889777** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **15835286**, and the grayscale version is **13684944**.

A 20% lighter version of the original color is **13631487**, and **6205369** is the 20% darker color. If you saturate the color by 10%, you get **8316145**, and if you desaturate by 10%, it is **11463409**.

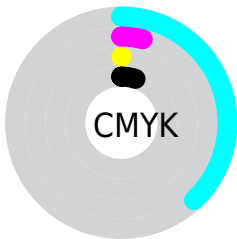
# Distribution



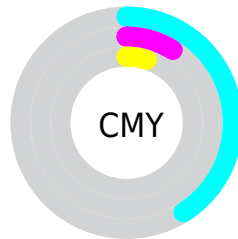
- Red (59%)
- Green (91%)
- Blue (95%)



- Red (59%)
- Yellow (76%)
- Blue (95%)



- Cyan (38%)
- Magenta (4%)
- Yellow (0%)
- Black (5%)



- Cyan (41%)
- Magenta (9%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9889777 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 9889777 by changing the saturation by 10% instead.



■ 9889777

■ 9889777

16777215

■ 8047573

■ 13631487

■ 6205369

■ 15597567

■ 4297886

■ 2128516

■ 24939

■ 18771

■ 12860

■ 7974

■ 273

■ 9889777

■ 9889777

■ 8316145

■ 11463409

■ 6742769

■ 13036785

■ 5169137

■ 14610417

■ 3595505

■ 16184049

■ 1956593

■ 16774385

■ 382961

■ 16775153

■ 55281

■ 16775921

■ 16776433

■ 16777201

# Harmonies

## Analogous

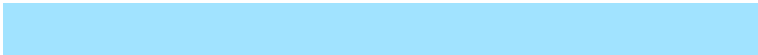
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



10545369



9889777



10609663

# Triad

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



9889777



16370931



15587498

# Complementary

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



9889777



15835286

# 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.



16765105



9889777



16763355

# Square

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



9889777



14603519



16763587



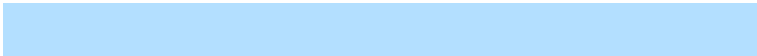
13820079

# Rectangle

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



9889777



11788287



16763587



16045483

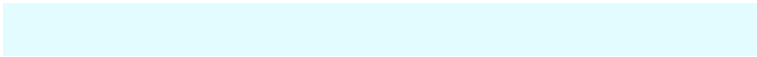


# Sweetspot

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



9889777



14941439



9892255



7306880



0



8421504



# Same Dimension

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



9889777



9237247



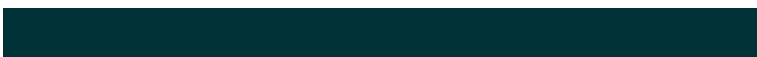
9878257



7108472



41912



12856



# Inverse Universe

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



15832807



16747762



15846806



7892087



12058787

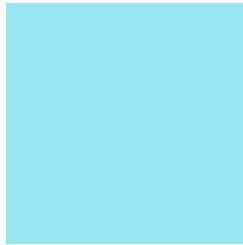


3670066



# Previews

## White Background



This preview shows how the Decimal color 9889777 looks on a white background.

## Color Contrast Check

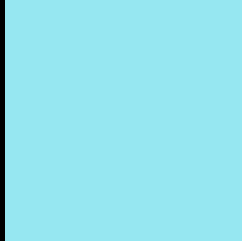
Large Text (above 18pt) WCAG AA × Fail

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 9889777 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

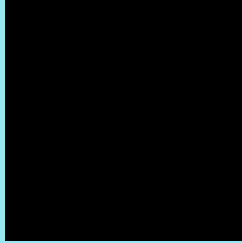
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 9889777 Background



This preview shows how black text looks on a background with the Decimal color 9889777.



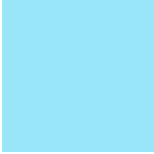
This preview shows how white text looks on a background with the Decimal color 9889777.

# 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



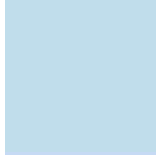


**Tritanopia**  
10020600

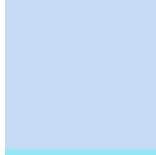
# Trichromacy



**Original Color**  
9889777



**Protanomaly**  
12639723



**Deuteranomaly**  
13032180

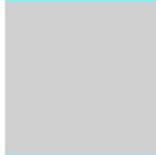


**Tritanomaly**  
9955061

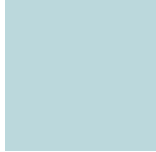
# Monochromacy



**Original Color**  
9889777



**Achromatopsia**  
13684944



**Achromatomaly**  
12310748

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9889777 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 #96E7F1 looks like.

```
.text, #text, p{  
    color:#96E7F1  
}
```

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 #96E7F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96E7F1
}
```

## Border

The CSS property to change the border of an element to Decimal 9889777 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
#96E7F1 }
```

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

```
.border{ border-color:#96E7F1 }
```

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

Here you see how a box with a 4 pixel #96E7F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96E7F1; -webkit-box-shadow:4px 4px  
4px 4px #96E7F1; box-shadow:4px 4px 4px  
4px #96E7F1 }
```

# Background

The CSS property to change the background color of an element to Decimal 9889777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96E7F1 }
```

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

```
.background{ background-color:#96E7F1 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor