

# Converting Colors

Decimal(9760960)

Have a look what the booklet for  
Decimal(9760960) contains.

<b>Decimal(9760960)</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(9760960)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94F0C0
RGB	148, 240, 192
RGB Percent	58%, 94%, 75%
CMY	0.4196, 0.0588, 0.2471
CMYK	0.38, 0.00, 0.20, 0.06
HSL	149°, 75%, 76%
HSV	149°, 38%, 94%
XYZ	52.8873, 72.4218, 61.0605
YIQ	207.0200, -39.4240, -34.4320

# Conversions

## Conversions Part 2

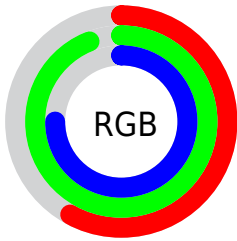
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 210, 240
Decimal	9760960
CIE <sub>Lab</sub>	88.17, -37.76, 14.68
CIE <sub>LCh</sub>	88, 40.514, 158.761
Yxy	72.4218, 0.2838, 0.3886
Android (android.graphics.Color)	4287951040 (0xFF94F0C0)
YUV	207.0200, -7.4049, -51.7605
Hunter-Lab	85.1010, -37.9954, 17.0298

# Details

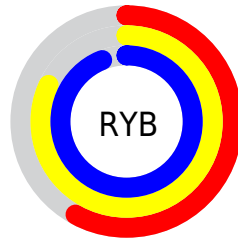
The Decimal color **9760960** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **15766724**, and the grayscale version is **13619151**.

A 20% lighter version of the original color is **13500408**, and **6141834** is the 20% darker color. If you saturate the color by 10%, you get **8188083**, and if you desaturate by 10%, it is **11333837**.

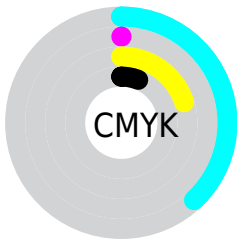
# Distribution



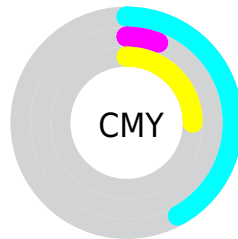
- Red (58%)
- Green (94%)
- Blue (75%)



- Red (58%)
- Yellow (82%)
- Blue (94%)



- Cyan (38%)
- Magenta (0%)
- Yellow (20%)
- Black (6%)



- Cyan (42%)
- Magenta (6%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9760960 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 9760960 by changing the saturation by 10% instead.



9760960

9760960

16777215

7918501

13500408

6141834

15400959

4234353

2196056

26689

20267

14102

8960

0

 9760960

 9760960

 8188083

 11333837

 6615207

 12906713

 5042330

 14479590

 3469454

 16052466

 1896577

 16773375

 323701

 61555

# Harmonies

## Analogous

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



12773792



9760960



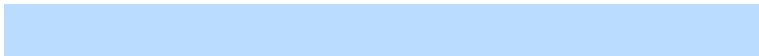
6877928

# Triad

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



9760960



12246527



16762287

# Complementary

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



9760960



15766724

# 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.



16761043



9760960



15847423

# Square

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



9760960



8317439



16762106



16765334

# Rectangle

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



9760960



5698047



16762106



16761786

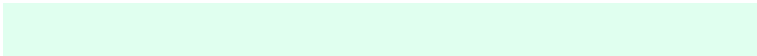


# Sweetspot

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



9760960



14745583



12972180



7241846



0



8421504



# Same Dimension

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



9760960



9109442



9761005



7108722



47192



14363



# Inverse Universe

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



15766724



16747207



15766679



7892082



12058720

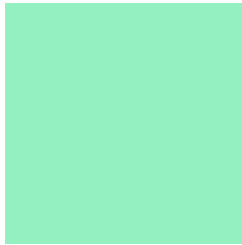


3670045



# Previews

## White Background



This preview shows how the Decimal color 9760960 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 9760960 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 9760960 Background



This preview shows how black text looks on a background with the Decimal color 9760960.



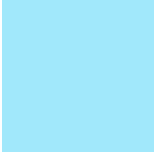
This preview shows how white text looks on a background with the Decimal color 9760960.

# 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



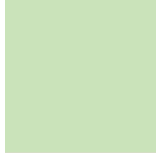


**Tritanopia**  
10610939

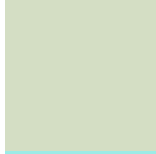
# Trichromacy



**Original Color**  
9760960



**Protanomaly**  
13296570

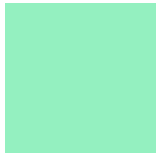


**Deuteranomaly**  
13950660

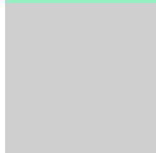


**Tritanomaly**  
10284006

# Monochromacy



**Original Color**  
9760960



**Achromatopsia**  
13619151



**Achromatomaly**  
12245962

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9760960 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 #94F0C0 looks like.

```
.text, #text, p{  
    color:#94F0C0  
}
```

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 #94F0C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94F0C0
}
```

## Border

The CSS property to change the border of an element to Decimal 9760960 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
#94F0C0 }
```

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

```
.border{ border-color:#94F0C0 }
```

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

Here you see how a box with a 4 pixel #94F0C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94F0C0; -webkit-box-shadow:4px 4px  
4px 4px #94F0C0; box-shadow:4px 4px 4px  
4px #94F0C0 }
```

# Background

The CSS property to change the background color of an element to Decimal 9760960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94F0C0 }
```

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

```
.background{ background-color:#94F0C0 }
```

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