

# Converting Colors

Decimal(9875884)

Have a look what the booklet for  
Decimal(9875884) contains.

<b>Decimal(9875884)</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(9875884)**

# Conversions

## Conversions Part 1

Format	Color
Hex	96B1AC
RGB	150, 177, 172
RGB Percent	59%, 69%, 67%
CMY	0.4118, 0.3059, 0.3255
CMYK	0.15, 0.00, 0.03, 0.31
HSL	169°, 15%, 64%
HSV	169°, 15%, 69%
XYZ	35.7462, 40.9069, 45.0415
YIQ	168.3570, -14.4870, -7.2790

# Conversions

## Conversions Part 2

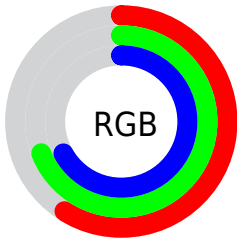
<b>Format</b>	<b>Color</b>
<b>RYB</b>	150, 165, 177
Decimal	9875884
CIELab	70.11, -10.26, -0.55
CIELCh	70, 10.270, 183.095
Yxy	40.9069, 0.2937, 0.3361
Android (android.graphics.Color)	4288065964 (0xFF96B1AC)
YUV	168.3570, 1.7960, -16.0991
Hunter-Lab	63.9585, -12.1642, 3.0171

# Details

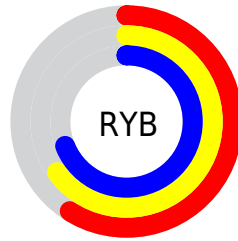
The Decimal color **9875884** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **11638427**, and the grayscale version is **11053224**.

A 20% lighter version of the original color is **13429219**, and **6519928** is the 20% darker color. If you saturate the color by 10%, you get **8696233**, and if you desaturate by 10%, it is **11055535**.

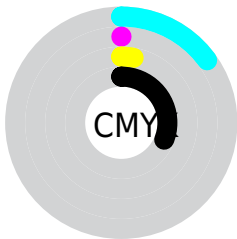
# Distribution



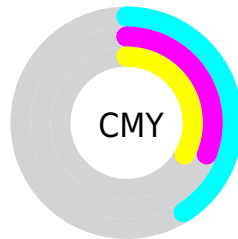
- Red (59%)
- Green (69%)
- Blue (67%)



- Red (59%)
- Yellow (65%)
- Blue (69%)



- Cyan (15%)
- Magenta (0%)
- Yellow (3%)
- Black (31%)



- Cyan (41%)
- Magenta (31%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9875884 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 9875884 by changing the saturation by 10% instead.



■ 9875884

■ 9875884

16777215

■ 8165009

■ 13429219

■ 6519928

■ 15335423

■ 4940639

■ 3361863

■ 1914161

■ 532252

■ 258

■ 0

■ 9875884

■ 9875884

8696233

11055535

7582117

12169651

6402466

13349302

5222815

14528953

4108700

15643068

2929048

16757184

1749397

16757187

569746

16757190

45456

16757193

# Harmonies

## Analogous

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



10334371



9875884



9744565

# Triad

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



9875884



11512251



12298395

# Complementary

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



9875884



11638427

# 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.



12560034



9875884



12166836

# Square

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



9875884



10726590



12559787



11709337

# Rectangle

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



9875884



9940922



12559787



12429213

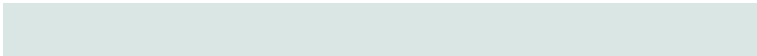


# Sweetspot

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



9875884



14345955



10203542



7107441



15921906



7566195



# Same Dimension

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



9875884



12379870



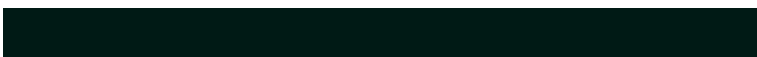
9873841



5265752



39293



6677



# Inverse Universe

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



11638427



15121604



11640470



5853266



10027036

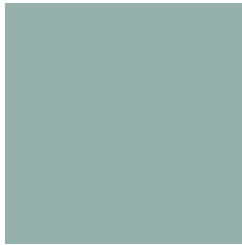


1703941



# Previews

## White Background



This preview shows how the Decimal color 9875884 looks on a white background.

## Color Contrast Check

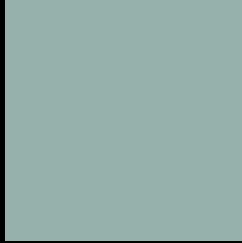
Large Text (above 18pt) WCAG AA × Fail

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 9875884 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

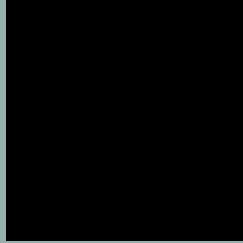
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

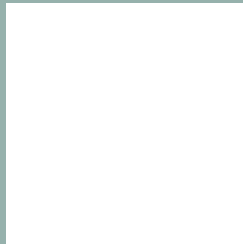
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 9875884 Background



This preview shows how black text looks on a background with the Decimal color 9875884.



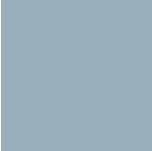
This preview shows how white text looks on a background with the Decimal color 9875884.

# 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](#).

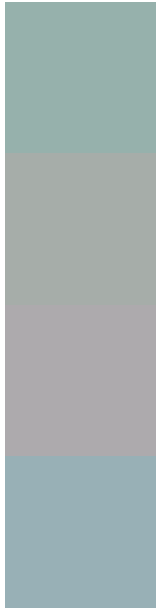
## Dichromacy





**Tritanopia**  
10071996

# Trichromacy



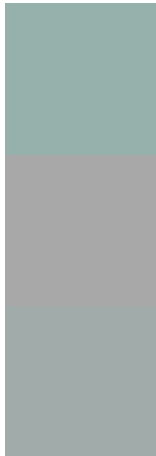
**Original Color**  
9875884

**Protanomaly**  
10923433

**Deuteranomaly**  
11381421

**Tritanomaly**  
10006710

# Monochromacy



**Original Color**  
9875884

**Achromatopsia**  
11053224

**Achromatomaly**  
10595241

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9875884 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 #96B1AC looks like.

```
.text, #text, p{  
    color:#96B1AC  
}
```

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 #96B1AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96B1AC
}
```

## Border

The CSS property to change the border of an element to Decimal 9875884 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
#96B1AC }
```

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

```
.border{ border-color:#96B1AC }
```

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

Here you see how a box with a 4 pixel #96B1AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96B1AC; -webkit-box-shadow:4px 4px  
4px 4px #96B1AC; box-shadow:4px 4px 4px  
4px #96B1AC }
```

# Background

The CSS property to change the background color of an element to Decimal 9875884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96B1AC }
```

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

```
.background{ background-color:#96B1AC }
```

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