

# Converting Colors

Decimal(952987)

Have a look what the booklet for  
Decimal(952987) contains.

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# Color

**Decimal(952987)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0E8A9B
RGB	14, 138, 155
RGB Percent	5%, 54%, 61%
CMY	0.9451, 0.4588, 0.3922
CMYK	0.91, 0.11, 0.00, 0.39
HSL	187°, 83%, 33%
HSV	187°, 91%, 61%
XYZ	15.1860, 20.6369, 34.1933
YIQ	102.8620, -79.3610, -21.0010

# Conversions

## Conversions Part 2

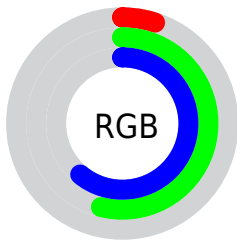
<b>Format</b>	<b>Color</b>
<b>RYB</b>	14, 80, 155
Decimal	952987
CIELab	52.55, -24.16, -17.75
CIELCh	53, 29.981, 216.310
Yxy	20.6369, 0.2169, 0.2947
Android (android.graphics.Color)	4279143067 (0xFF0E8A9B)
YUV	102.8620, 25.7040, -77.9320
Hunter-Lab	45.4278, -19.8283, -12.8278

# Details

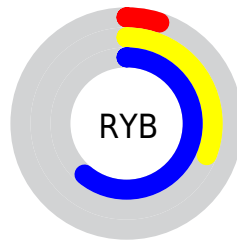
The Decimal color **952987** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **10166030**, and the grayscale version is **6776679**.

A 20% lighter version of the original color is **6078673**, and **22632** is the 20% darker color. If you saturate the color by 10%, you get **34971**, and if you desaturate by 10%, it is **1936539**.

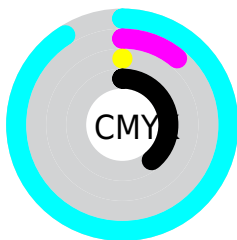
# Distribution



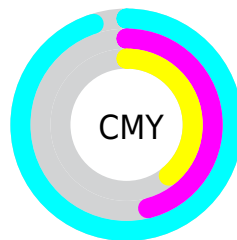
- Red (5%)
- Green (54%)
- Blue (61%)



- Red (5%)
- Yellow (31%)
- Blue (61%)



- Cyan (91%)
- Magenta (11%)
- Yellow (0%)
- Black (39%)



- Cyan (95%)
- Magenta (46%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 952987 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 952987 by changing the saturation by 10% instead.



■ 952987                      ■ 952987

16777215                      ■ 28801

■ 6078673                      ■ 22632

■ 8051950                      ■ 16464

■ 9959679                      ■ 10553

■ 11862015                      ■ 4643

■ 13828095                      ■ 12

■ 15794175                      ■ 0

■ 952987                      ■ 952987

■ 34971                      ■ 1936539

■ 2985627

■ 3969179

■ 5018011

■ 6067099

■ 7050651

■ 8034203

■ 9083291

■ 10132379

# Harmonies

## Analogous

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



2788226



952987



3442348

# Triad

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



952987



10644883



9010762

# Complementary

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



952987



10166030

# 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.



10450255



952987



11495801

# Square

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



952987



8943015



11365728



7177555

# Rectangle

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



952987



5472688



11365728



9534282



# Sweetspot

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



952987



9683913



957214



4547174



15132390



6710886



# Same Dimension

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



952987



45513



935067



4541517



31628



2829



# Inverse Universe

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



10161802



13172913



10183950



5064012



9175163



851979



# Previews

## White Background



This preview shows how the Decimal color 952987 looks on a white background.

## Color Contrast Check

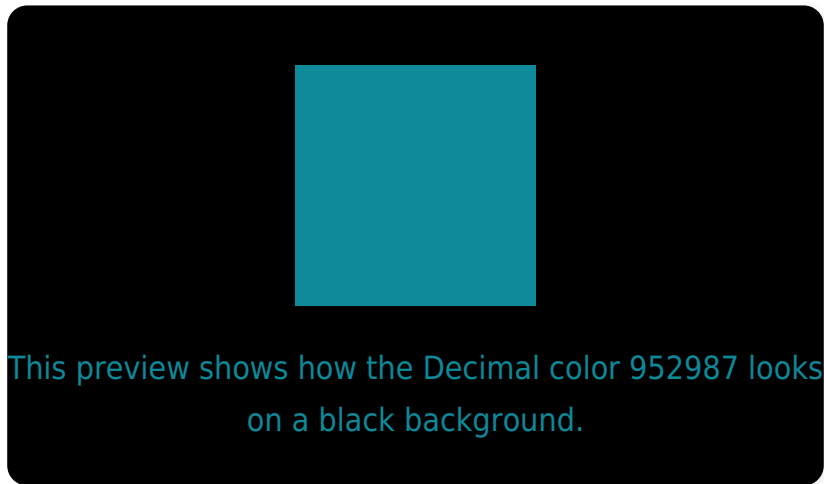
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

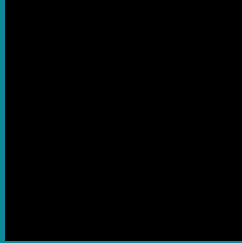
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 952987 Background



This preview shows how black text looks on a background with the Decimal color 952987.

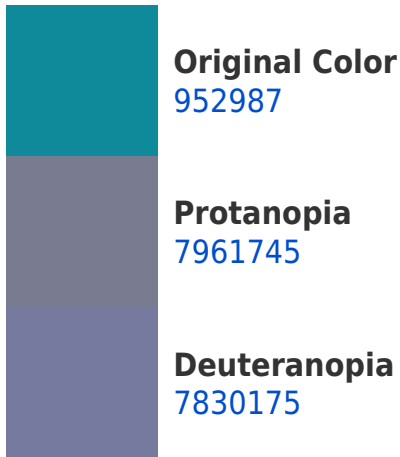


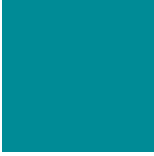
This preview shows how white text looks on a background with the Decimal color 952987.

# 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**  
35734

# Trichromacy



**Original Color**  
952987

**Protanomaly**  
5407125

**Deuteranomaly**  
5341342

**Tritanomaly**  
363416

# Monochromacy



**Original Color**  
952987

**Achromatopsia**  
6776679

**Achromatomaly**  
4682874

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 952987 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 #0E8A9B looks like.

```
.text, #text, p{  
    color:#0E8A9B  
}
```

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 #0E8A9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E8A9B
}
```

## Border

The CSS property to change the border of an element to Decimal 952987 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
#0E8A9B }
```

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

```
.border{ border-color:#0E8A9B }
```

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

Here you see how a box with a 4 pixel #0E8A9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E8A9B; -webkit-box-shadow:4px 4px  
4px 4px #0E8A9B; box-shadow:4px 4px 4px  
4px #0E8A9B }
```

# Background

The CSS property to change the background color of an element to Decimal 952987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E8A9B }
```

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

```
.background{ background-color:#0E8A9B }
```

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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