

# Converting Colors

Decimal(9883076)

Have a look what the booklet for  
Decimal(9883076) contains.

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# **Color**

**Decimal(9883076)**

# Conversions

## Conversions Part 1

Format	Color
Hex	96CDC4
RGB	150, 205, 196
RGB Percent	59%, 80%, 77%
CMY	0.4118, 0.1961, 0.2314
CMYK	0.27, 0.00, 0.04, 0.20
HSL	170°, 35%, 70%
HSV	170°, 27%, 80%
XYZ	44.3728, 54.1322, 60.3344
YIQ	187.5290, -29.8910, -14.4590

# Conversions

## Conversions Part 2

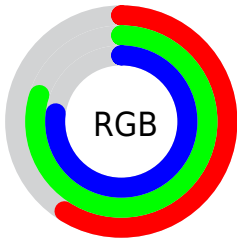
<b>Format</b>	<b>Color</b>
<b>RYB</b>	150, 180, 205
Decimal	9883076
CIELab	78.54, -19.62, -1.27
CIELCh	79, 19.657, 183.718
Yxy	54.1322, 0.2794, 0.3408
Android (android.graphics.Color)	4288073156 (0xFF96CDC4)
YUV	187.5290, 4.1762, -32.9129
Hunter-Lab	73.5746, -21.1022, 2.8818

# Details

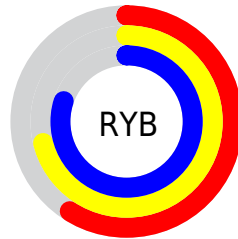
The Decimal color **9883076** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **13473439**, and the grayscale version is **12369084**.

A 20% lighter version of the original color is **13500413**, and **6395790** is the 20% darker color. If you saturate the color by 10%, you get **8572353**, and if you desaturate by 10%, it is **11259335**.

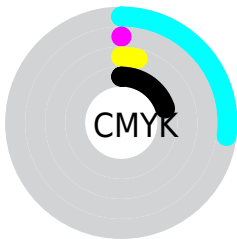
# Distribution



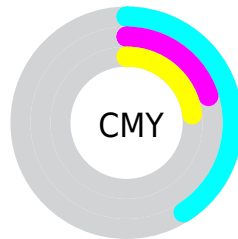
- Red (59%)
- Green (80%)
- Blue (77%)



- Red (59%)
- Yellow (71%)
- Blue (80%)



- Cyan (27%)
- Magenta (0%)
- Yellow (4%)
- Black (20%)



- Cyan (41%)
- Magenta (20%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9883076 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 9883076 by changing the saturation by 10% instead.



 9883076

 9883076

16777215

 8106409

 13500413

 6395790

 15400959

 4750709

 3105884

 1329989

 13359

 8218

 0

 9883076

 9883076

■ 8572353

■ 11259335

■ 7196093

■ 12570059

■ 5885370

■ 13946318

■ 4509111

■ 15257041

■ 3198387

■ 16633301

■ 1822128

■ 16764376

■ 511405

■ 16764379

■ 52651

■ 16764383

■ 16764386

# Harmonies

## Analogous

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



10931122



9883076



9620694

# Triad

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



9883076



13221345



14662818

# Complementary

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



9883076



13473439

# 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.



15251375



9883076



14465235

# Square

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



9883076



11650022



15185601



13550238

# Rectangle

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



9883076



9947871



15185601



14924454



# Sweetspot

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



9883076



15466492



10472854



7569533



0



8421504

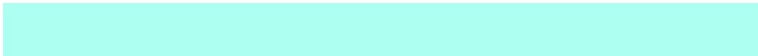


# Same Dimension

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



9883076



11403250



9878477



6055524



42635



9760



# Inverse Universe

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



13473439



16756155



13478038



6708317



10879003



2490374



# Previews

## White Background



This preview shows how the Decimal color 9883076 looks on a white background.

## Color Contrast Check

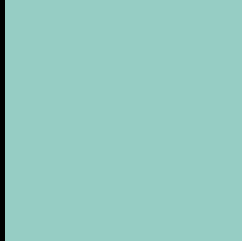
Large Text (above 18pt) WCAG AA × Fail

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 9883076 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 9883076 Background



This preview shows how black text looks on a background with the Decimal color 9883076.



This preview shows how white text looks on a background with the Decimal color 9883076.

# 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**  
10210010

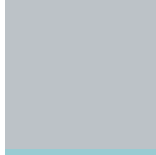
# Trichromacy



**Original Color**  
9883076



**Protanomaly**  
11912640



**Deuteranomaly**  
12370631

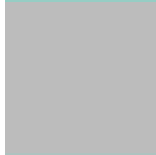


**Tritanomaly**  
10079186

# Monochromacy



**Original Color**  
9883076



**Achromatopsia**  
12369084



**Achromatomaly**  
11453119

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9883076 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 #96CDC4 looks like.

```
.text, #text, p{  
  color:#96CDC4  
}
```

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 #96CDC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96CDC4
}
```

## Border

The CSS property to change the border of an element to Decimal 9883076 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
#96CDC4 }
```

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

```
.border{ border-color:#96CDC4 }
```

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

Here you see how a box with a 4 pixel #96CDC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96CDC4; -webkit-box-shadow:4px 4px  
4px 4px #96CDC4; box-shadow:4px 4px 4px  
4px #96CDC4 }
```

# Background

The CSS property to change the background color of an element to Decimal 9883076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96CDC4 }
```

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

```
.background{ background-color:#96CDC4 }
```

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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