

# Converting Colors

Decimal(9880713)

Have a look what the booklet for  
Decimal(9880713) contains.

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# **Color**

**Decimal(9880713)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	96C489
RGB	150, 196, 137
RGB Percent	59%, 77%, 54%
CMY	0.4118, 0.2314, 0.4627
CMYK	0.23, 0.00, 0.30, 0.23
HSL	107°, 33%, 65%
HSV	107°, 30%, 77%
XYZ	36.8330, 47.7700, 30.9461
YIQ	175.5200, -8.4770, -28.1010

# Conversions

## Conversions Part 2

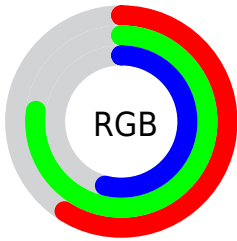
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">137, 196, 183</a>
Decimal	<a href="#">9880713</a>
CIELab	<a href="#">74.68, -26.33, 24.85</a>
CIELCh	<a href="#">75, 36.202, 136.656</a>
Yxy	<a href="#">47.7700, 0.3188, 0.4134</a>
Android (android.graphics.Color)	<a href="#">4288070793 (0xFF96C489)</a>
YUV	<a href="#">175.5200, -18.9904, -22.3810</a>
Hunter-Lab	<a href="#">69.1159, -25.8272, 21.8344</a>

# Details

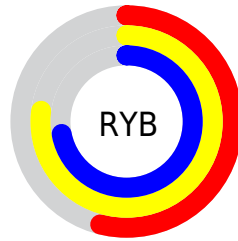
The Decimal color **9880713** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **12028356**, and the grayscale version is **11579568**.

A 20% lighter version of the original color is **13499839**, and **6458967** is the 20% darker color. If you saturate the color by 10%, you get **8897653**, and if you desaturate by 10%, it is **10863773**.

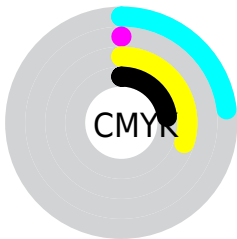
# Distribution



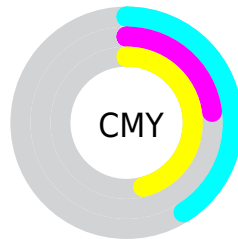
- Red (59%)
- Green (77%)
- Blue (54%)



- Red (54%)
- Yellow (77%)
- Blue (72%)



- Cyan (23%)
- Magenta (0%)
- Yellow (30%)
- Black (23%)



- Cyan (41%)
- Magenta (23%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9880713 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 9880713 by changing the saturation by 10% instead.



 9880713

 9880713

16777215

 8169839

 13499839

 6458967

 15400923

 4813887

 16777207

 3169064

 1590290

 142592

 6400


 0

 9880713

 9880713

 8897653

 10863773

 7849058

 11912368

 6865998

 12895428

 5882939

 13878487

 4899879

 14861547

 3851283

 15910143

 2868224

 16762111

# Harmonies

## Analogous

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



12369015



9880713



7195047

# Triad

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



9880713



7520248



16424870

# Complementary

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



9880713



12028356

# 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.



15769800



9880713



10991095

# Square

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



9880713



4573159



13871590



15902345

# Rectangle

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



9880713



5491390



13871590



16293553

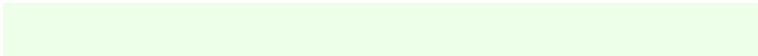


# Sweetspot

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



9880713



15597544



12891785



7700593



0



8421504

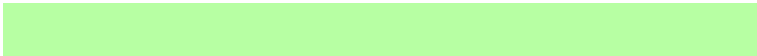


# Same Dimension

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



9880713



12058531



9028761



5857623



2334976



467200



# Inverse Universe

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



12028356



15442943



12880308



6248289



8192161



1703969



# Previews

## White Background



This preview shows how the Decimal color 9880713 looks on a white background.

## Color Contrast Check

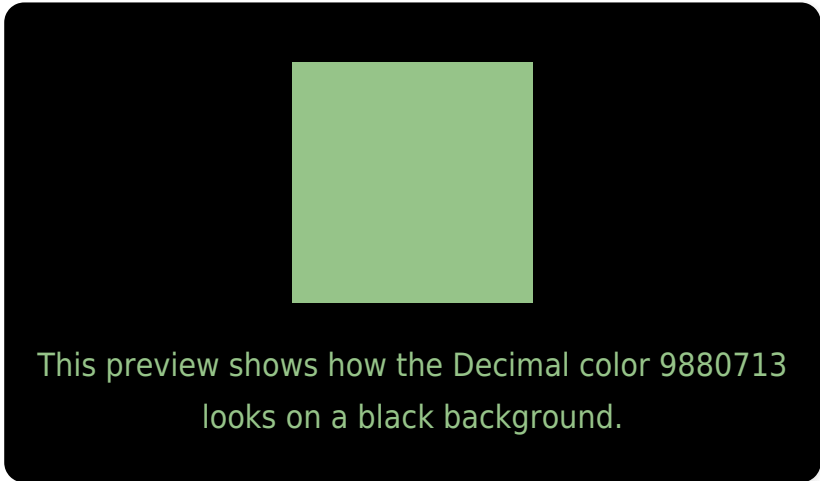
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

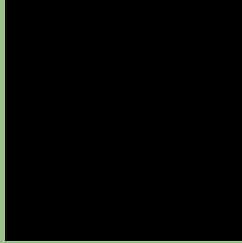
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 9880713 Background



This preview shows how black text looks on a background with the Decimal color 9880713.



This preview shows how white text looks on a background with the Decimal color 9880713.

# 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](#).

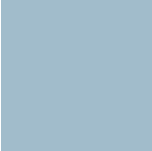
## Dichromacy



**Original Color**  
9880713

**Protanopia**  
12957571

**Deuteranopia**  
14135437



**Tritanopia**  
10599627

# Trichromacy



**Original Color**  
9880713

**Protanomaly**  
11844741

**Deuteranomaly**  
12564364

**Tritanomaly**  
10338227

# Monochromacy



**Original Color**  
9880713

**Achromatopsia**  
11579568

**Achromatomaly**  
10991522

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9880713 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 #96C489 looks like.

```
.text, #text, p{  
  color:#96C489  
}
```

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 #96C489 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96C489
}
```

## Border

The CSS property to change the border of an element to Decimal 9880713 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
#96C489 }
```

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

```
.border{ border-color:#96C489 }
```

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

Here you see how a box with a 4 pixel #96C489 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96C489; -webkit-box-shadow:4px 4px  
4px 4px #96C489; box-shadow:4px 4px 4px  
4px #96C489 }
```

# Background

The CSS property to change the background color of an element to Decimal 9880713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96C489 }
```

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

```
.background{ background-color:#96C489 }
```

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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