

# Converting Colors

Decimal(9938899)

Have a look what the booklet for  
Decimal(9938899) contains.

<b>Decimal(9938899)</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(9938899)**

# Conversions

## Conversions Part 1

Format	Color
Hex	97A7D3
RGB	151, 167, 211
RGB Percent	59%, 65%, 83%
CMY	0.4078, 0.3451, 0.1725
CMYK	0.28, 0.21, 0.00, 0.17
HSL	224°, 41%, 71%
HSV	224°, 28%, 83%
XYZ	38.3391, 38.9199, 67.1196
YIQ	167.2320, -23.6600, 10.2920

# Conversions

## Conversions Part 2

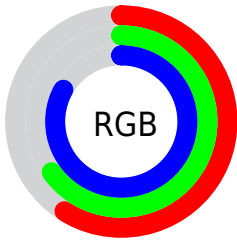
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	151, 164, 211
Decimal	9938899
CIE <sub>Lab</sub>	68.69, 4.38, -24.19
CIE <sub>LCh</sub>	69, 24.583, 280.258
Yxy	38.9199, 0.2655, 0.2696
Android (android.graphics.Color)	4288128979 (0xFF97A7D3)
YUV	167.2320, 21.5776, -14.2355
Hunter-Lab	62.3858, 0.5217, -20.1188

# Details

The Decimal color **9938899** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **13878167**, and the grayscale version is **10987431**.

A 20% lighter version of the original color is **13557503**, and **6517660** is the 20% darker color. If you saturate the color by 10%, you get **8558803**, and if you desaturate by 10%, it is **11318995**.

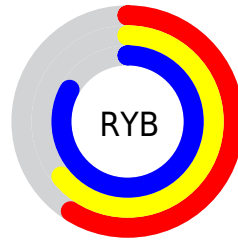
# Distribution



Red (59%)

Green (65%)

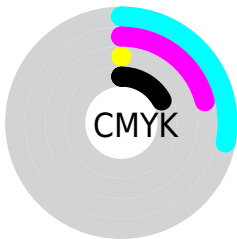
Blue (83%)



Red (59%)

Yellow (64%)

Blue (83%)

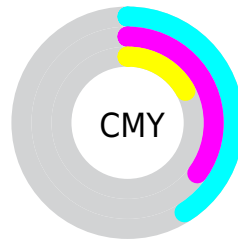


Cyan (28%)

Magenta (21%)

Yellow (0%)

Black (17%)



Cyan (41%)

Magenta (35%)

Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9938899 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 9938899 by changing the saturation by 10% instead.



■ 9938899

■ 9938899

16777215

■ 8162743

■ 13557503

■ 6517660

■ 15465471

■ 4807554

■ 3162985

■ 1518929

■ 6457

■ 548

■ 11

■ 0

■ 9938899

■ 9938899

■ 8558803

■ 11318995

■ 7178451

■ 12699347

■ 5798355

■ 14079443

■ 4418003

■ 15459795

■ 3037907

■ 16774355

■ 1592019

■ 16777171

■ 211923

■ 14547

# Harmonies

## Analogous

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



7974609



9938899



11902922

# Triad

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



9938899



13802380



8303512

# Complementary

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



9938899



13878167

# 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.



9940869



9938899



12951934

# Square

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



9938899



13997985



11577724



7058607

# Rectangle

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



9938899



12884926



11577724



8827537



# Sweetspot

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



9938899



15265535



9950147



7435648



0



8421504



# Same Dimension

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



9938899



11059199



10852307



6185321



11688



2857



# Inverse Universe

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



13866919



16754879



12964759



6905441



11010093

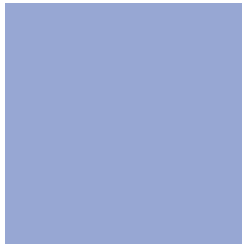


2686987



# Previews

## White Background



This preview shows how the Decimal color 9938899 looks on a white background.

## Color Contrast Check

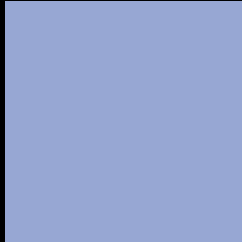
Large Text (above 18pt) WCAG AA × Fail

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 9938899 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

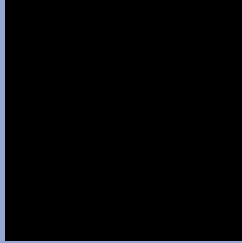
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

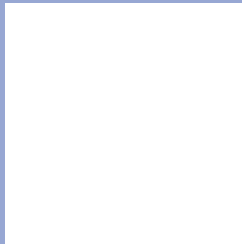
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 9938899 Background



This preview shows how black text looks on a background with the Decimal color 9938899.



This preview shows how white text looks on a background with the Decimal color 9938899.

# 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](#).

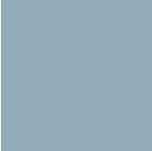
## Dichromacy



**Original Color**  
9938899

**Protanopia**  
10266322

**Deuteranopia**  
10593492



**Tritanopia**  
9612473

# Trichromacy



**Original Color**  
9938899

**Protanomaly**  
10135250

**Deuteranomaly**  
10331604

**Tritanomaly**  
9743042

# Monochromacy



**Original Color**  
9938899

**Achromatopsia**  
10987431

**Achromatomaly**  
10594231

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9938899 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 #97A7D3 looks like.

```
.text, #text, p{  
    color:#97A7D3  
}
```

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 #97A7D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97A7D3
}
```

## Border

The CSS property to change the border of an element to Decimal 9938899 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
#97A7D3 }
```

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

```
.border{ border-color:#97A7D3 }
```

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

Here you see how a box with a 4 pixel #97A7D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97A7D3; -webkit-box-shadow:4px 4px  
4px 4px #97A7D3; box-shadow:4px 4px 4px  
4px #97A7D3 }
```

# Background

The CSS property to change the background color of an element to Decimal 9938899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97A7D3 }
```

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

```
.background{ background-color:#97A7D3 }
```

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