

Converting Colors

Decimal(9801132)

Have a look what the booklet for
Decimal(9801132) contains.

Decimal(9801132)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(9801132)

Conversions

Conversions Part 1

Format	Color
Hex	958DAC
RGB	149, 141, 172
RGB Percent	58%, 55%, 67%
CMY	0.4157, 0.4471, 0.3255
CMYK	0.13, 0.18, 0.00, 0.33
HSL	255°, 16%, 61%
HSV	255°, 18%, 67%
XYZ	29.3657, 28.4179, 42.9672
YIQ	146.9260, -5.1830, 11.3370

Conversions

Conversions Part 2

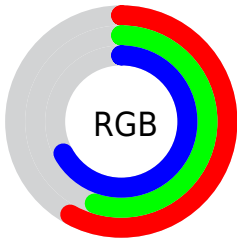
Format	Color
R_{YB}	149, 141, 172
Decimal	9801132
CIE _{Lab}	60.26, 9.29, -15.21
CIE _{LCh}	60, 17.820, 301.421
Yxy	28.4179, 0.2915, 0.2821
Android (android.graphics.Color)	4287991212 (0xFF958DAC)
YUV	146.9260, 12.3615, 1.8189
Hunter-Lab	53.3084, 5.0395, -10.4725

Details

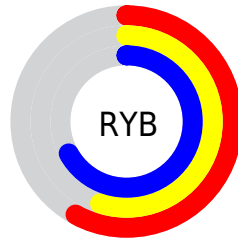
The Decimal color **9801132** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **10792077**, and the grayscale version is **9671571**.

A 20% lighter version of the original color is **13353955**, and **6445944** is the 20% darker color. If you saturate the color by 10%, you get **8944812**, and if you desaturate by 10%, it is **10657452**.

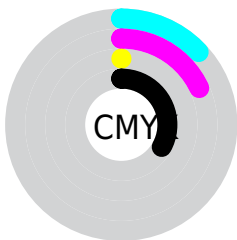
Distribution



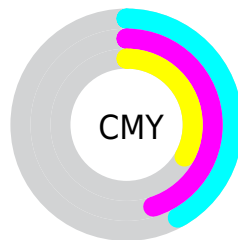
- Red (58%)
- Green (55%)
- Blue (67%)



- Red (58%)
- Yellow (55%)
- Blue (67%)



- Cyan (13%)
- Magenta (18%)
- Yellow (0%)
- Black (33%)



- Cyan (42%)
- Magenta (45%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 9801132 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 9801132 by changing the saturation by 10% instead.



9801132



9801132

16777215



8090513



13353955



6445944



15196159



4866911



16776191



3353927



1906993



524316



0



9801132



9801132



8944812



10657452

8088492

11513772

7297452

12304812

6441132

13161132

5584812

14017452

4728492

14873772

3937708

15663020

3081132

16514988

2883756

16777132

Harmonies

Analogous

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



8426160



9801132



10913953

Triad

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



9801132



11176822



7051921

Complementary

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



9801132



10792077

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.



8034690



9801132



10326130

Square

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



9801132



11634562



9147766



6724257

Rectangle

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



9801132



11437974



9147766



7314060

Sweetspot

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



9801132



14210528



9282732



7039344



15790320



7368816

Same Dimension

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



9801132



12365792



10784172



5262935



2556054



393239

Inverse Universe

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



11308452



14725076



9809037



5721684



9830512



1507345

Previews

White Background



This preview shows how the Decimal color 9801132 looks on a white background.

Color Contrast Check

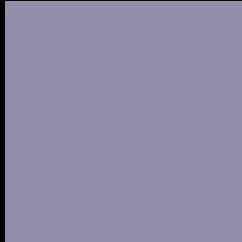
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Decimal color 9801132 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 × Fail

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

Decimal 9801132 Background



This preview shows how black text looks on a background with the Decimal color 9801132.



This preview shows how white text looks on a background with the Decimal color 9801132.

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
9801132

Protanopia
9146542

Deuteranopia
9604780



Tritanopia
9605275

Trichromacy



Original Color
9801132

Protanomaly
9408429

Deuteranomaly
9670316

Tritanomaly
9670561

Monochromacy



Original Color
9801132

Achromatopsia
9671571

Achromatomaly
9736604

CSS Examples

Text

The CSS property to change the color of the text to Decimal 9801132 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 #958DAC looks like.

```
.text, #text, p{  
    color:#958DAC  
}
```

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 #958DAC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #958DAC
}
```

Border

The CSS property to change the border of an element to Decimal 9801132 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
#958DAC }
```

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

```
.border{ border-color:#958DAC }
```

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

Here you see how a box with a 4 pixel #958DAC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #958DAC; -webkit-box-shadow:4px 4px  
4px 4px #958DAC; box-shadow:4px 4px 4px  
4px #958DAC }
```

Background

The CSS property to change the background color of an element to Decimal 9801132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#958DAC }
```

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

```
.background{ background-color:#958DAC }
```

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