

Converting Colors

Decimal(9800891)

Have a look what the booklet for
Decimal(9800891) contains.

Decimal(9800891)	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(9800891)

Conversions

Conversions Part 1

Format	Color
Hex	958CBB
RGB	149, 140, 187
RGB Percent	58%, 55%, 73%
CMY	0.4157, 0.4510, 0.2667
CMYK	0.20, 0.25, 0.00, 0.27
HSL	251°, 26%, 64%
HSV	251°, 25%, 73%
XYZ	30.7422, 28.7336, 50.9396
YIQ	148.0490, -9.7230, 16.5250

Conversions

Conversions Part 2

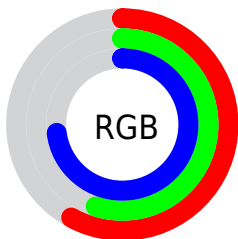
Format	Color
RYB	149, 140, 187
Decimal	9800891
CIELab	60.55, 13.28, -23.29
CIELCh	61, 26.805, 299.693
Yxy	28.7336, 0.2784, 0.2602
Android (android.graphics.Color)	4287990971 (0xFF958CBB)
YUV	148.0490, 19.2028, 0.8340
Hunter-Lab	53.6037, 8.5646, -18.8206

Details

The Decimal color **9800891** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **11713420**, and the grayscale version is **9737364**.

A 20% lighter version of the original color is **13419251**, and **6380166** is the 20% darker color. If you saturate the color by 10%, you get **8812987**, and if you desaturate by 10%, it is **10788795**.

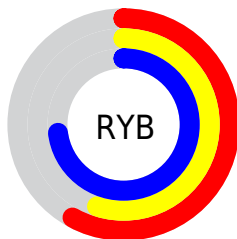
Distribution



Red (58%)

Green (55%)

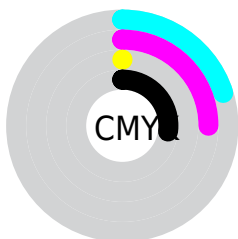
Blue (73%)



Red (58%)

Yellow (55%)

Blue (73%)

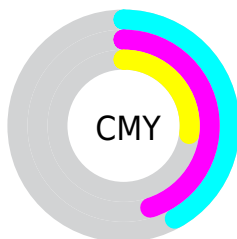


Cyan (20%)

Magenta (25%)

Yellow (0%)

Black (27%)



Cyan (42%)

Magenta (45%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 9800891 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 9800891 by changing the saturation by 10% instead.

■ 9800891

■ 9800891

16777215

■ 8090272

■ 13419251

■ 6380166

■ 15261183

■ 4801388

■ 16775935

■ 3222612

■ 1710140

■ 458791

■ 272

■ 0

■ 9800891

■ 9800891

■ 8812987

■ 10788795

■ 7825339

■ 11776443

■ 6837435

■ 12764347

■ 5849531

■ 13752251

■ 4796347

■ 14805691

■ 3808443

■ 15793339

■ 2820539

■ 16777147

■ 2359483

Harmonies

Analogous

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



7574721



9800891



11568298

Triad

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



9800891



11962474



5545873

Complementary

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



9800891



11713420

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.



7249273



9800891



10719331

Square

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



9800891



12681852



9082984



4628137

Rectangle

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



9800891



12288411



9082984



6070153

Sweetspot

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



9800891



14934002



9220795



7433850



16448250



8026746

Same Dimension

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



9800891



12036850



11308219



5723486



1966238



393247

Inverse Universe

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



12291250



15903460



10206092



6182237



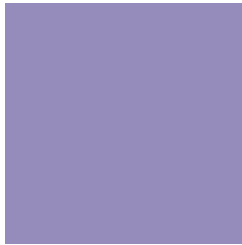
10354816



2031641

Previews

White Background



This preview shows how the Decimal color 9800891 looks on a white background.

Color Contrast Check

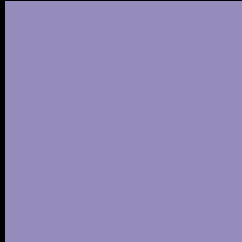
Large Text (above 18pt) WCAG AA ✓ Pass

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 9800891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

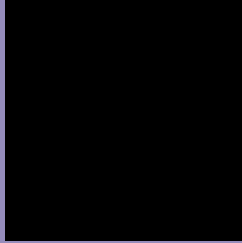
Any Text WCAG AA ✓ Pass

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 9800891 Background



This preview shows how black text looks on a background with the Decimal color 9800891.



This preview shows how white text looks on a background with the Decimal color 9800891.

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
9474717

Trichromacy



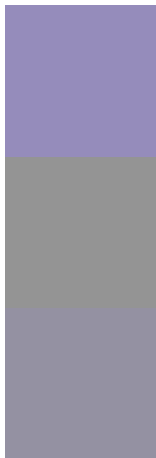
Original Color
9800891

Protanomaly
9146301

Deuteranomaly
9408186

Tritanomaly
9605288

Monochromacy



Original Color
9800891

Achromatopsia
9737364

Achromatomaly
9736610

CSS Examples

Text

The CSS property to change the color of the text to Decimal 9800891 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 #958CBB looks like.

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

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 #958CBB colored shadow looks like.

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

Border

The CSS property to change the border of an element to Decimal 9800891 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
#958CBB }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to Decimal 9800891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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