

Converting Colors

Decimal(9800649)

Have a look what the booklet for
Decimal(9800649) contains.

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Color

Decimal(9800649)

Conversions

Conversions Part 1

Format	Color
Hex	958BC9
RGB	149, 139, 201
RGB Percent	58%, 55%, 79%
CMY	0.4157, 0.4549, 0.2118
CMYK	0.26, 0.31, 0.00, 0.21
HSL	250°, 36%, 67%
HSV	250°, 31%, 79%
XYZ	32.1697, 29.0718, 59.1742
YIQ	149.0580, -13.9420, 21.4020

Conversions

Conversions Part 2

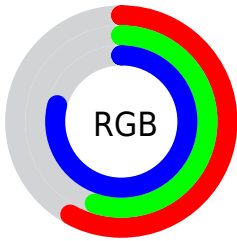
Format	Color
RYB	149, 139, 201
Decimal	9800649
CIELab	60.84, 17.22, -30.72
CIElCh	61, 35.219, 299.273
Yxy	29.0718, 0.2672, 0.2414
Android (android.graphics.Color)	4287990729 (0xFF958BC9)
YUV	149.0580, 25.6074, -0.0509
Hunter-Lab	53.9183, 12.1427, -27.3267

Details

The Decimal color **9800649** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **12568971**, and the grayscale version is **9803157**.

A 20% lighter version of the original color is **13419007**, and **6379923** is the 20% darker color. If you saturate the color by 10%, you get **8681417**, and if you desaturate by 10%, it is **10919881**.

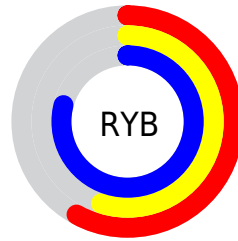
Distribution



Red (58%)

Green (55%)

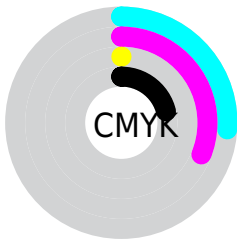
Blue (79%)



Red (58%)

Yellow (55%)

Blue (79%)

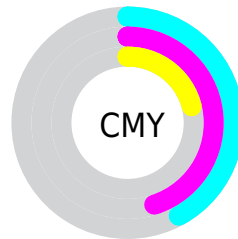


Cyan (26%)

Magenta (31%)

Yellow (0%)

Black (21%)



Cyan (42%)

Magenta (45%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 9800649 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 9800649 by changing the saturation by 10% instead.

■ 9800649

■ 9800649

16777215

■ 8024749

■ 13419007

■ 6379923

■ 15326463

■ 4735609

■ 16775679

■ 3091296

■ 1447752

■ 131121

■ 283

■ 0

■ 9800649

■ 9800649

8681417

10919881

7562185

12039113

6442953

13158345

5389257

14212041

4270025

15331529

3150537

16449481

2097353

16777161

Harmonies

Analogous

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



6526673



9800649



12157107

Triad

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



9800649



12617310



3515281

Complementary

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



9800649



12568971

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.



6463602



9800649



11047252

Square

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



9800649



13532534



8952411



41904

Rectangle

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



9800649



13139103



8952411



4629382

Sweetspot

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



9800649



15526143



9158857



7631232



0



8421504

Same Dimension

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



9800649



11575807



11766729



5986915



1704099



393252

Inverse Universe

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



13208511



16753136



10602891



6511202



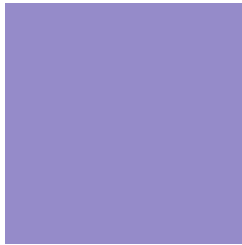
10682505



2359326

Previews

White Background



This preview shows how the Decimal color 9800649 looks on a white background.

Color Contrast Check

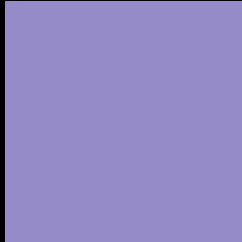
Large Text (above 18pt) WCAG AA ✓ Pass

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 9800649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

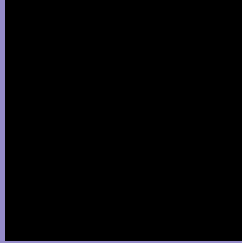
Any Text WCAG AA ✓ Pass

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 9800649 Background



This preview shows how black text looks on a background with the Decimal color 9800649.



This preview shows how white text looks on a background with the Decimal color 9800649.

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
9278367

Trichromacy



Original Color
9800649

Protanomaly
8949708

Deuteranomaly
9080776

Tritanomaly
9474222

Monochromacy



Original Color
9800649

Achromatopsia
9803157

Achromatomaly
9802152

CSS Examples

Text

The CSS property to change the color of the text to Decimal 9800649 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 #958BC9 looks like.

```
.text, #text, p{  
    color:#958BC9  
}
```

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 #958BC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #958BC9
}
```

Border

The CSS property to change the border of an element to Decimal 9800649 is called "border". The border property can be set on classes, ids or directly on the HTML element.

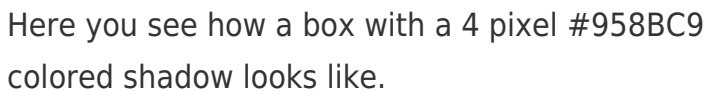
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#958BC9 }
```

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

```
.border{ border-color:#958BC9 }
```

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



Here you see how a box with a 4 pixel #958BC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #958BC9; -webkit-box-shadow:4px 4px  
4px 4px #958BC9; box-shadow:4px 4px 4px  
4px #958BC9 }
```

Background

The CSS property to change the background color of an element to Decimal 9800649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#958BC9 }
```

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

```
.background{ background-color:#958BC9 }
```

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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