

Converting Colors

Decimal(9804511)

Have a look what the booklet for
Decimal(9804511) contains.

Decimal(9804511)	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(9804511)

Conversions

Conversions Part 1

Format	Color
Hex	959ADF
RGB	149, 154, 223
RGB Percent	58%, 60%, 87%
CMY	0.4157, 0.3961, 0.1255
CMYK	0.33, 0.31, 0.00, 0.13
HSL	236°, 54%, 73%
HSV	236°, 33%, 87%
XYZ	37.2693, 34.8285, 74.5703
YIQ	160.3710, -25.1290, 20.3990

Conversions

Conversions Part 2

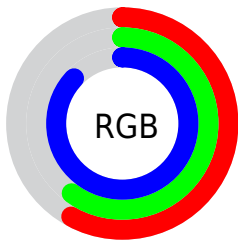
Format	Color
RYB	149, 154, 223
Decimal	9804511
CIELab	65.61, 14.18, -35.58
CIELCh	66, 38.297, 291.728
Yxy	34.8285, 0.2541, 0.2375
Android (android.graphics.Color)	4287994591 (0xFF959ADF)
YUV	160.3710, 30.8761, -9.9724
Hunter-Lab	59.0157, 9.4481, -33.6060

Details

The Decimal color **9804511** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **14670485**, and the grayscale version is **10526880**.

A 20% lighter version of the original color is **13488383**, and **6252455** is the 20% darker color. If you saturate the color by 10%, you get **8357343**, and if you desaturate by 10%, it is **11251679**.

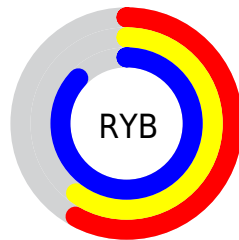
Distribution



Red (58%)

Green (60%)

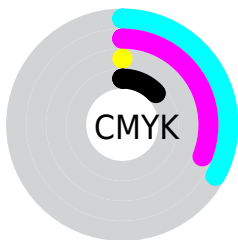
Blue (87%)



Red (58%)

Yellow (60%)

Blue (87%)

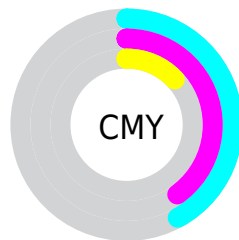


Cyan (33%)

Magenta (31%)

Yellow (0%)

Black (13%)



Cyan (42%)

Magenta (40%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 9804511 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 9804511 by changing the saturation by 10% instead.

■ 9804511

■ 9804511

16777215

■ 8028355

■ 13488383

■ 6252455

■ 15396351

■ 4542349

■ 2832499

■ 664410

■ 3906

■ 812

■ 278

■ 0

■ 9804511

■ 9804511

■ 8357343

■ 11251679

■ 6844639

■ 12764383

■ 5397727

■ 14211295

■ 3950559

■ 15658463

■ 2503391

■ 16777183

■ 990687

■ 4063

Harmonies

Analogous

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



5875427



9804511



12684746

Triad

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



9804511



14126699



4567444

Complementary

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



9804511



14670485

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.



7712116



9804511



12491355

Square

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



9804511



14845576



10265950



45496

Rectangle

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



9804511



13993910



10265950



5681289

Sweetspot

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



9804511



15132671



9822169



7369088



0



8421504

Same Dimension

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



9804511



10068223



11834847



6645360



3248



816

Inverse Universe

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



14652826



16751008



12640149



7365990



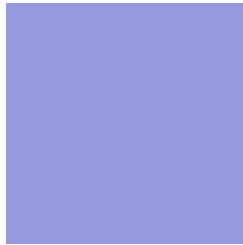
11534348



3145731

Previews

White Background



This preview shows how the Decimal color 9804511 looks on a white background.

Color Contrast Check

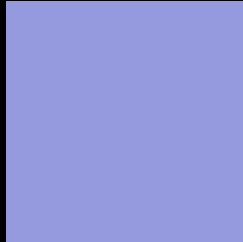
Large Text (above 18pt) WCAG AA × Fail

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 9804511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

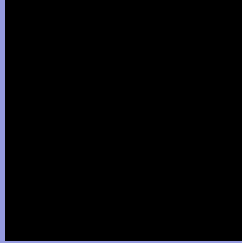
Any Text WCAG AA ✓ Pass

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 9804511 Background



This preview shows how black text looks on a background with the Decimal color 9804511.



This preview shows how white text looks on a background with the Decimal color 9804511.

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
9804511

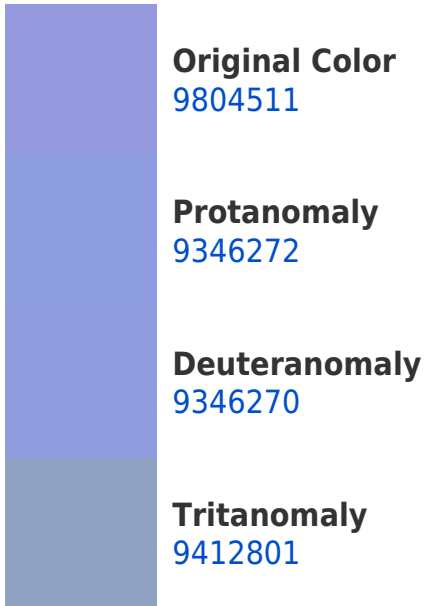
Protanopia
9084385

Deuteranopia
9084382



Tritanopia
9151408

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 9804511 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 #959ADF looks like.

```
.text, #text, p{  
    color:#959ADF  
}
```

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 #959ADF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #959ADF
}
```

Border

The CSS property to change the border of an element to Decimal 9804511 is called "border". The border property can be set on classes, ids or directly on the HTML element.

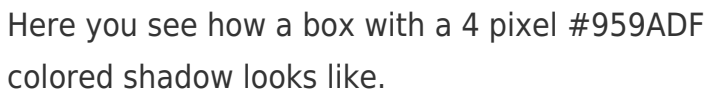
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#959ADF }
```

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

```
.border{ border-color:#959ADF }
```

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



Here you see how a box with a 4 pixel #959ADF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #959ADF; -webkit-box-shadow:4px 4px  
4px 4px #959ADF; box-shadow:4px 4px 4px  
4px #959ADF }
```

Background

The CSS property to change the background color of an element to Decimal 9804511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#959ADF }
```

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

```
.background{ background-color:#959ADF }
```

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