

Converting Colors

Decimal(9519809)

Have a look what the booklet for
Decimal(9519809) contains.

Decimal(9519809)	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(9519809)

Conversions

Conversions Part 1

Format	Color
Hex	9142C1
RGB	145, 66, 193
RGB Percent	57%, 26%, 76%
CMY	0.4314, 0.7412, 0.2431
CMYK	0.25, 0.66, 0.00, 0.24
HSL	277°, 51%, 51%
HSV	277°, 66%, 76%
XYZ	23.2509, 13.7664, 51.8838
YIQ	104.0990, 6.3170, 56.2450

Conversions

Conversions Part 2

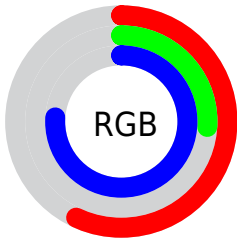
Format	Color
R_{YB}	145, 66, 193
Decimal	9519809
CIE _{Lab}	43.90, 54.53, -52.95
CIE _{LCh}	44, 76.007, 315.847
Yxy	13.7664, 0.2615, 0.1549
Android (android.graphics.Color)	4287709889 (0xFF9142C1)
YUV	104.0990, 43.8282, 35.8702
Hunter-Lab	37.1031, 46.9276, -56.9370

Details

The Decimal color **9519809** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **7520578**, and the grayscale version is **6842472**.

A 20% lighter version of the original color is **13268986**, and **5899146** is the 20% darker color. If you saturate the color by 10%, you get **9056193**, and if you desaturate by 10%, it is **9983425**.

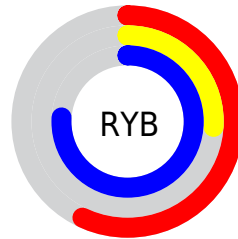
Distribution



Red (57%)

Green (26%)

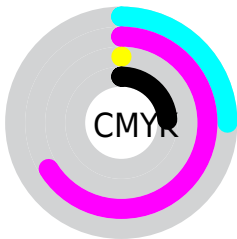
Blue (76%)



Red (57%)

Yellow (26%)

Blue (76%)

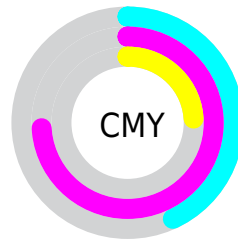


Cyan (25%)

Magenta (66%)

Yellow (0%)

Black (24%)



Cyan (43%)

Magenta (74%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 9519809 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 9519809 by changing the saturation by 10% instead.

■ 9519809

■ 9519809

16777215

■ 7677861

■ 13268986

■ 5899146

■ 15176447

■ 4063344

■ 16756479

■ 2228311

■ 16763647

■ 63

■ 16771071

■ 808

■ 274

■ 0

■ 9519809

■ 9519809

9056193

9983425

8526785

10512833

8063169

10976449

7864513

11440065

11903681

12433089

12896705

13360321

13889729

Harmonies

Analogous

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



26083



9519809



12976264

Triad

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



9519809



9918976



33417

Complementary

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



9519809



7520578

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.



32838



9519809



6319872

Square

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



9519809



12531204



31488



32962

Rectangle

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



9519809



13762654



31488



33139

Sweetspot

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



9519809



15190266



4355009



7495549



16579836



8224125

Same Dimension

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



9519809



11482362



12665522



6117217



6553761



1376289

Inverse Universe

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



12665458



16397439



4374865



6379355



10551357



2162701

Previews

White Background



This preview shows how the Decimal color 9519809 looks on a white background.

Color Contrast Check

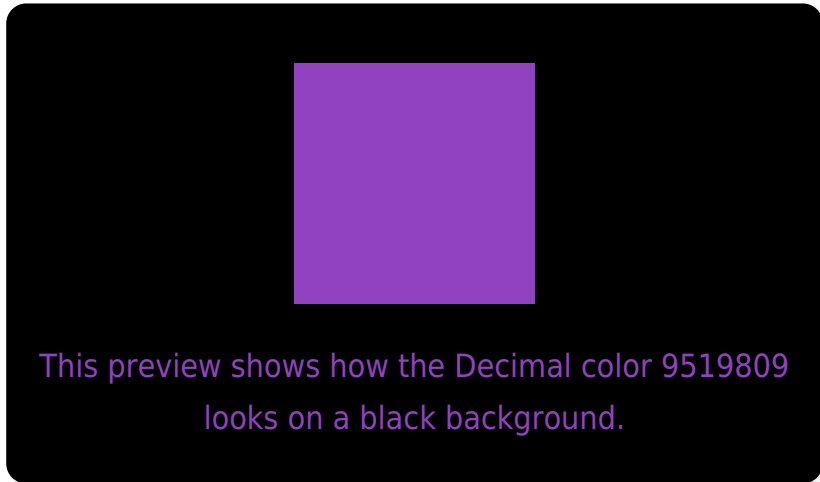
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

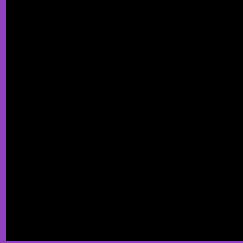
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Decimal 9519809 Background



This preview shows how black text looks on a background with the Decimal color 9519809.




This preview shows how white text looks on a background with the Decimal color 9519809.

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](#).

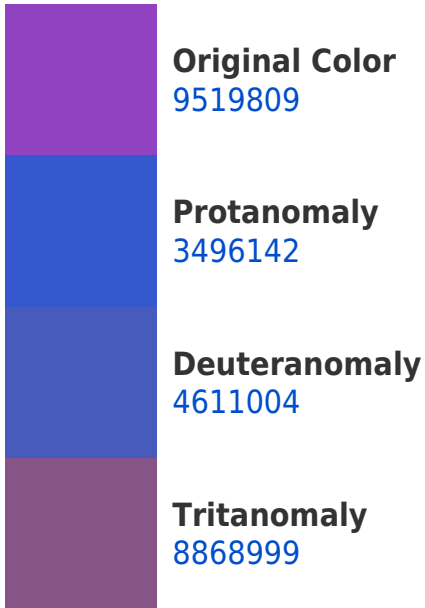
Dichromacy



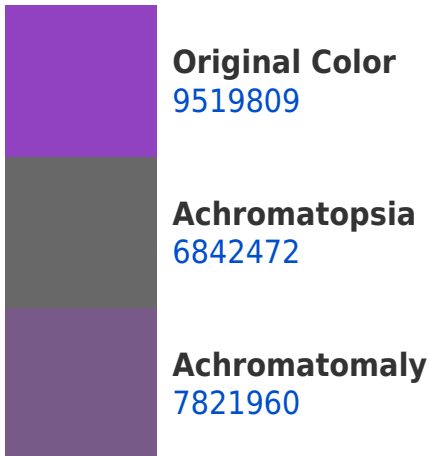


Tritanopia
8543846

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 9519809 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 #9142C1 looks like.

```
.text, #text, p{  
    color:#9142C1  
}
```

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 #9142C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9142C1
}
```

Border

The CSS property to change the border of an element to Decimal 9519809 is called "border". The border property can be set on classes, ids or directly on the HTML element.

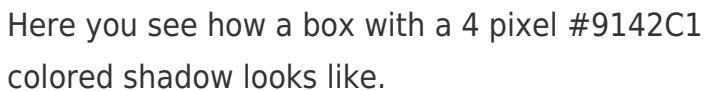
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9142C1 }
```

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

```
.border{ border-color:#9142C1 }
```

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



Here you see how a box with a 4 pixel #9142C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9142C1; -webkit-box-shadow:4px 4px  
4px 4px #9142C1; box-shadow:4px 4px 4px  
4px #9142C1 }
```

Background

The CSS property to change the background color of an element to Decimal 9519809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9142C1 }
```

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

```
.background{ background-color:#9142C1 }
```

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