

# Converting Colors

Decimal(10116571)

Have a look what the booklet for  
Decimal(10116571) contains.

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# Color

**Decimal(10116571)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A5DDB
RGB	154, 93, 219
RGB Percent	60%, 36%, 86%
CMY	0.3961, 0.6353, 0.1412
CMYK	0.30, 0.58, 0.00, 0.14
HSL	269°, 64%, 61%
HSV	269°, 58%, 86%
XYZ	30.0270, 19.8132, 69.2596
YIQ	125.6030, -4.0900, 52.1180

# Conversions

## Conversions Part 2

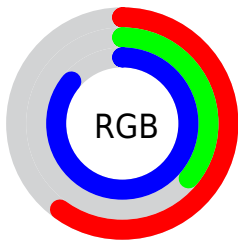
Format	Color
R <sub>YB</sub>	154, 93, 219
Decimal	10116571
CIE <sub>Lab</sub>	51.63, 49.05, -55.41
CIE <sub>LCh</sub>	52, 73.997, 311.515
Y <sub>xy</sub>	19.8132, 0.2521, 0.1664
Android (android.graphics.Color)	4288306651 (0xFF9A5DDB)
Y <sub>UV</sub>	125.6030, 46.0447, 24.9042
Hunter-Lab	44.5120, 42.5167, -61.0953

# Details

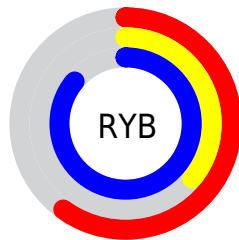
The Decimal color **10116571** is a light color, and the websafe version is hex **9966CC**. The color can be described as light muted purple. A complement of this color would be **10410845**, and the grayscale version is **8224125**.

A 20% lighter version of the original color is **13865727**, and **6433443** is the 20% darker color. If you saturate the color by 10%, you get **9390043**, and if you desaturate by 10%, it is **10843099**.

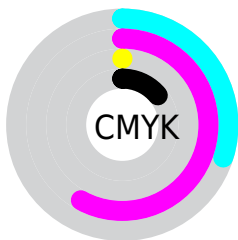
# Distribution



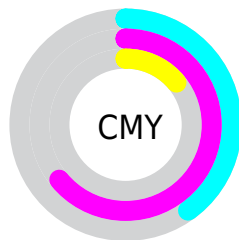
- Red (60%)
- Green (36%)
- Blue (86%)



- Red (60%)
- Yellow (36%)
- Blue (86%)



- Cyan (30%)
- Magenta (58%)
- Yellow (0%)
- Black (14%)



















- Cyan (40%)
- Magenta (64%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10116571 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 10116571 by changing the saturation by 10% instead.



 10116571	 10116571
 16777215	 8275135
 13865727	 6433443
 15838719	 4591240
 16763391	 2687086
 16770559	 524373
	 61
	 806
	 271
	 0

■ 10116571

■ 10116571

■ 9390043

■ 10843099

■ 8597979

■ 11635163

■ 7871451

■ 12361691

■ 7144923

■ 13088219

■ 6947035

■ 13814747

■ 14606555

■ 15333083

■ 16056283

■ 16777179

# Harmonies

## Analogous

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



31737



10116571



14038949

# Triad

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



10116571



11823360



38547

# Complementary

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



10116571



10410845

# 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.



37968



10116571



8355840

# Square

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



10116571



14305576



3247360



38350

# Rectangle

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



10116571



15148923



3247360



38525



# Sweetspot

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



10116571



15324415



6135515



7497344



0



8421504



# Same Dimension

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



10116571



10768383



14245339



6841198



5505197



1441838



# Inverse Universe

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



14376350



16732074



6282077



7234408



11337817



3014680



# Previews

## White Background



This preview shows how the Decimal color 10116571 looks on a white background.

## Color Contrast Check

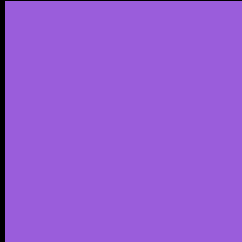
Large Text (above 18pt) WCAG AA ✓ Pass

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 10116571 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

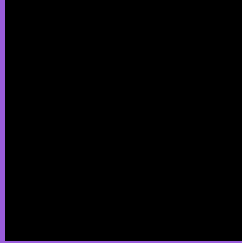
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 10116571 Background



This preview shows how black text looks on a background with the Decimal color 10116571.

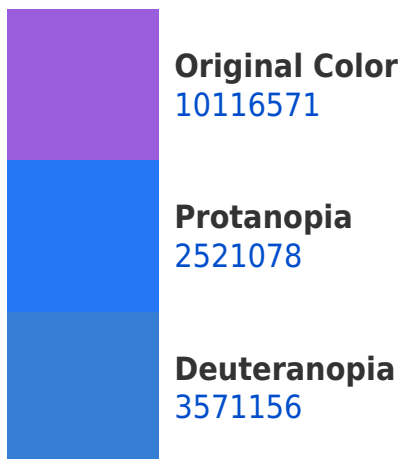


This preview shows how white text looks on a background with the Decimal color 10116571.

# 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**  
9008767

# Trichromacy



**Original Color**  
10116571



**Protanomaly**  
5271276



**Deuteranomaly**  
5927383



**Tritanomaly**  
9399712

# Monochromacy



**Original Color**  
10116571



**Achromatopsia**  
8289918



**Achromatomaly**  
8942240

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10116571 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 #9A5DDB looks like.

```
.text, #text, p{  
    color:#9A5DDB  
}
```

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 #9A5DDB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A5DDB
}
```

## Border

The CSS property to change the border of an element to Decimal 10116571 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
#9A5DDB }
```

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

```
.border{ border-color:#9A5DDB }
```

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

Here you see how a box with a 4 pixel #9A5DDB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A5DDB; -webkit-box-shadow:4px 4px  
4px 4px #9A5DDB; box-shadow:4px 4px 4px  
4px #9A5DDB }
```

# Background

The CSS property to change the background color of an element to Decimal 10116571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A5DDB }
```

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

```
.background{ background-color:#9A5DDB }
```

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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