

# Converting Colors

Decimal(10256613)

Have a look what the booklet for  
Decimal(10256613) contains.

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# **Color**

**Decimal(10256613)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9C80E5
RGB	156, 128, 229
RGB Percent	61%, 50%, 90%
CMY	0.3882, 0.4980, 0.1020
CMYK	0.32, 0.44, 0.00, 0.10
HSL	257°, 66%, 70%
HSV	257°, 44%, 90%
XYZ	35.5723, 28.1634, 77.6900
YIQ	147.8860, -15.7330, 37.3470

# Conversions

## Conversions Part 2

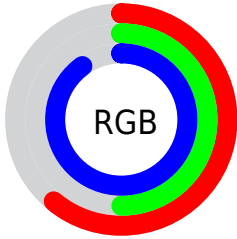
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	156, 128, 229
Decimal	10256613
CIE <sub>Lab</sub>	60.04, 32.58, -47.62
CIE <sub>LCh</sub>	60, 57.700, 304.382
Yxy	28.1634, 0.2515, 0.1991
Android (android.graphics.Color)	4288446693 (0xFF9C80E5)
YUV	147.8860, 39.9892, 7.1160
Hunter-Lab	53.0692, 26.7776, -49.6484

# Details

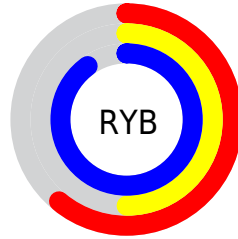
The Decimal color **10256613** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **13231488**, and the grayscale version is **9737364**.

A 20% lighter version of the original color is **14005759**, and **6639277** is the 20% darker color. If you saturate the color by 10%, you get **9136613**, and if you desaturate by 10%, it is **11376613**.

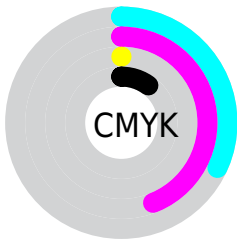
# Distribution



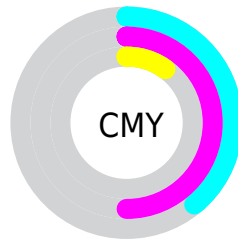
- Red (61%)
- Green (50%)
- Blue (90%)



- Red (61%)
- Yellow (50%)
- Blue (90%)



- Cyan (32%)
- Magenta (44%)
- Yellow (0%)
- Black (10%)



- Cyan (39%)
- Magenta (50%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10256613 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 10256613 by changing the saturation by 10% instead.



10256613

10256613

16777215

8415177

14005759

6639277

15913471

4863890

16772607

3022968

789342

70

1071

281

0

■ 10256613

■ 10256613

■ 9136613

■ 11376613

■ 8082149

■ 12431077

■ 6962149

■ 13551077

■ 5907685

■ 14605541

■ 4787685

■ 15725541

■ 4128997

■ 16777189

# Harmonies

## Analogous

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



2135286



10256613



13921214

# Triad

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



10256613



13532722



43415

# Complementary

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



10256613



13231488

# 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.



566883



10256613



10785056

# Square

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



10256613



15231578



7380534



43209

# Rectangle

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



10256613



15164060



7380534



43141



# Sweetspot

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



10256613



15195903



8440549



7433088



0



8421504



# Same Dimension

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



10256613



10320127



13467877



6973299



3211443



917555



# Inverse Universe

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



15040713



16742618



10020224



7563120



11731073

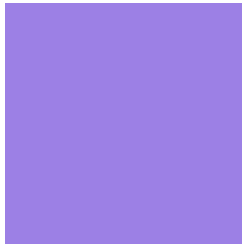


3342373



# Previews

## White Background



This preview shows how the Decimal color 10256613 looks on a white background.

## Color Contrast Check

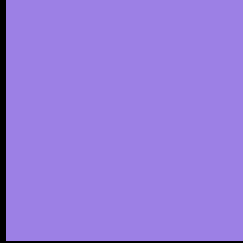
Large Text (above 18pt) WCAG AA ✓ Pass

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 10256613 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

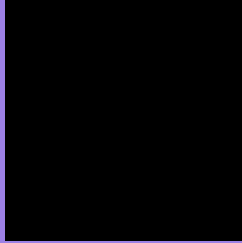
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 10256613 Background



This preview shows how black text looks on a background with the Decimal color 10256613.



This preview shows how white text looks on a background with the Decimal color 10256613.

# 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**  
9277596

# Trichromacy



**Original Color**  
10256613

**Protanomaly**  
8030445

**Deuteranomaly**  
8031202

**Tritanomaly**  
9603767

# Monochromacy



**Original Color**  
10256613

**Achromatopsia**  
9737364

**Achromatomaly**  
9932209

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10256613 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 #9C80E5 looks like.

```
.text, #text, p{  
  color:#9C80E5  
}
```

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 #9C80E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C80E5
}
```

## Border

The CSS property to change the border of an element to Decimal 10256613 is called "border". The border property can be set on classes, ids or directly on the HTML element.

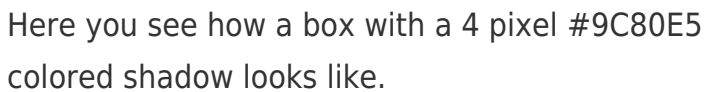
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C80E5 }
```

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

```
.border{ border-color:#9C80E5 }
```

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



Here you see how a box with a 4 pixel #9C80E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C80E5; -webkit-box-shadow:4px 4px  
4px 4px #9C80E5; box-shadow:4px 4px 4px  
4px #9C80E5 }
```

# Background

The CSS property to change the background color of an element to Decimal 10256613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C80E5 }
```

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

```
.background{ background-color:#9C80E5 }
```

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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