

# Converting Colors

Decimal(10196478)

Have a look what the booklet for  
Decimal(10196478) contains.

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# **Color**

**Decimal(10196478)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9B95FE
RGB	155, 149, 254
RGB Percent	61%, 58%, 100%
CMY	0.3922, 0.4157, 0.0039
CMYK	0.39, 0.41, 0.00, 0.00
HSL	243°, 98%, 79%
HSV	243°, 41%, 100%
XYZ	42.1544, 35.6192, 98.4193
YIQ	162.7640, -30.1290, 33.9270

# Conversions

## Conversions Part 2

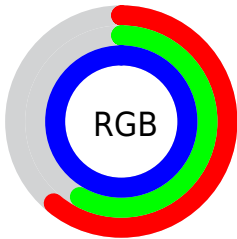
Format	Color
R <sub>Y</sub> B	155, 149, 254
Decimal	10196478
CIE Lab	66.23, 26.87, -51.60
CIE LCh	66, 58.182, 297.509
Yxy	35.6192, 0.2393, 0.2022
Android (android.graphics.Color)	4288386558 (0xFF9B95FE)
YUV	162.7640, 44.9793, -6.8090
Hunter-Lab	59.6818, 21.6347, -55.9959

# Details

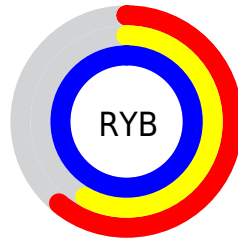
The Decimal color **10196478** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **16318101**, and the grayscale version is **10658466**.

A 20% lighter version of the original color is **14011391**, and **6513349** is the 20% darker color. If you saturate the color by 10%, you get **8617214**, and if you desaturate by 10%, it is **11775742**.

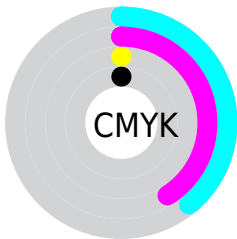
# Distribution



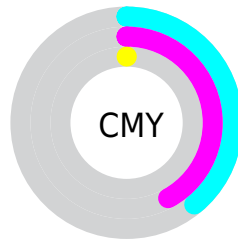
- Red (61%)
- Green (58%)
- Blue (100%)



- Red (61%)
- Yellow (58%)
- Blue (100%)



- Cyan (39%)
- Magenta (41%)
- Yellow (0%)
- Black (0%)



- Cyan (39%)
- Magenta (42%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10196478 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 10196478 by changing the saturation by 10% instead.



10196478

10196478

16777215

8354785

14011391

6513349

15919103

4606633

2503822

8052

2907

67

811

278

■ 10196478

■ 10196478

■ 8617214

■ 11775742

■ 7037694

■ 13355262

■ 5458430

■ 14934526

■ 3878910

■ 16514046

■ 2299646

16777214

■ 983294

# Harmonies

## Analogous

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



43263



10196478



14516186

# Triad

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



10196478



15305033



47771

# Complementary

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



10196478



16318101

# 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.



4699750



10196478



12688689

# Square

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



10196478



16742260



9350206



47824

# Rectangle

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



10196478



16086457



9350206



47497



# Sweetspot

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



10196478



14868735



9828862



7302784



0



8421504



# Same Dimension

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



10196478



8880383



13604350



7566208



721087



262208



# Inverse Universe

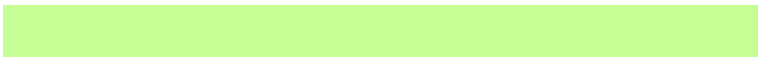
The Inverse Universe completely reimagines the original color for something new.



16684536



16744696



12910229



8418175



12517556

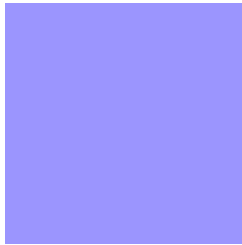


4194364



# Previews

## White Background



This preview shows how the Decimal color 10196478 looks on a white background.

## Color Contrast Check

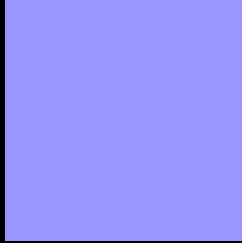
Large Text (above 18pt) WCAG AA × Fail

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 10196478 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 10196478 Background



This preview shows how black text looks on a background with the Decimal color 10196478.



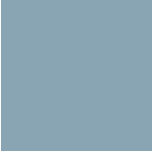
This preview shows how white text looks on a background with the Decimal color 10196478.

# 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**  
9020851

# Trichromacy



**Original Color**  
10196478

**Protanomaly**  
8887295

**Deuteranomaly**  
8429052

**Tritanomaly**  
9478094

# Monochromacy



**Original Color**  
10196478

**Achromatopsia**  
10724259

**Achromatomaly**  
10526404

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10196478 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 #9B95FE looks like.

```
.text, #text, p{  
  color:#9B95FE  
}
```

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 #9B95FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B95FE
}
```

## Border

The CSS property to change the border of an element to Decimal 10196478 is called "border". The border property can be set on classes, ids or directly on the HTML element.

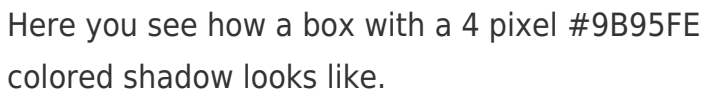
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B95FE }
```

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

```
.border{ border-color:#9B95FE }
```

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



Here you see how a box with a 4 pixel #9B95FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B95FE; -webkit-box-shadow:4px 4px  
4px 4px #9B95FE; box-shadow:4px 4px 4px  
4px #9B95FE }
```

# Background

The CSS property to change the background color of an element to Decimal 10196478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B95FE }
```

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

```
.background{ background-color:#9B95FE }
```

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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