

# Converting Colors

Decimal(10181878)

Have a look what the booklet for  
Decimal(10181878) contains.

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# Color

**Decimal(10181878)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9B5CF6
RGB	155, 92, 246
RGB Percent	61%, 36%, 96%
CMY	0.3922, 0.6392, 0.0353
CMYK	0.37, 0.63, 0.00, 0.04
HSL	265°, 90%, 66%
HSV	265°, 63%, 96%
XYZ	33.9793, 21.2767, 89.5047
YIQ	128.3930, -11.8860, 61.2500

# Conversions

## Conversions Part 2

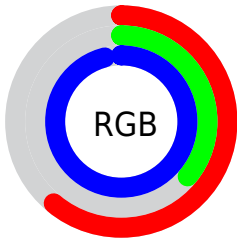
Format	Color
R <sub>Y</sub> B	155, 92, 246
Decimal	10181878
CIE Lab	53.25, 56.37, -67.95
CIE LCh	53, 88.290, 309.676
Yxy	21.2767, 0.2347, 0.1470
Android (android.graphics.Color)	4288371958 (0xFF9B5CF6)
YUV	128.3930, 57.9803, 23.3343
Hunter-Lab	46.1266, 50.7707, -82.7584

# Details

The Decimal color **10181878** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **12056156**, and the grayscale version is **8421504**.

A 20% lighter version of the original color is **14062079**, and **6301885** is the 20% darker color. If you saturate the color by 10%, you get **9192438**, and if you desaturate by 10%, it is **11171318**.

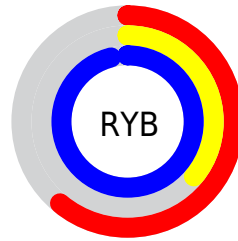
# Distribution



Red (61%)

Green (36%)

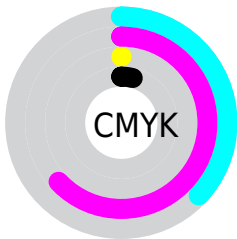
Blue (96%)



Red (61%)

Yellow (36%)

Blue (96%)

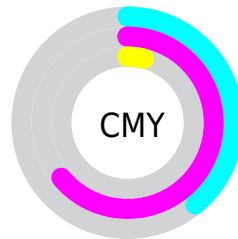


Cyan (37%)

Magenta (63%)

Yellow (0%)

Black (4%)



Cyan (39%)

Magenta (64%)


Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10181878 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 10181878 by changing the saturation by 10% instead.



 10181878

 10181878

16777215

 8274649

 14062079

 6301885

 16035327

 4327329

 16763391

 1900678

 16770559

 108

 82

 1594

 548

 11

■ 10181878

■ 10181878

■ 9192438

■ 11171318

■ 8268790

■ 12094966

■ 7279350

■ 13084406

■ 6619382

■ 14008054

■ 14997494

■ 15921398

■ 16777206

# Harmonies

## Analogous

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



33535



10181878



15210934

# Triad

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



10181878



12805888



40599

# Complementary

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



10181878



12056156

# 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.



39750



10181878



8750080

# Square

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



10181878



15742751



2069504



40416

# Rectangle

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



10181878



16580740



2069504



40572



# Sweetspot

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



10181878



14864383



6076662



7234176



0



8421504



# Same Dimension

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



10181878



9322751



15162614



7564922



4980922



1572923



# Inverse Universe

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



16145591



16728241



7075420



8023669



12189806

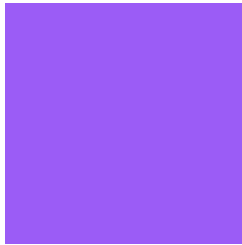


3866659



# Previews

## White Background



This preview shows how the Decimal color 10181878 looks on a white background.

## Color Contrast Check

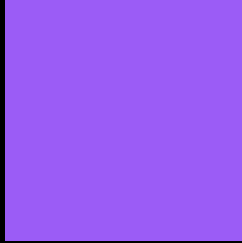
Large Text (above 18pt) WCAG AA ✓ Pass

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 10181878 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

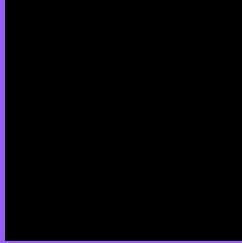
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 10181878 Background



This preview shows how black text looks on a background with the Decimal color 10181878.



This preview shows how white text looks on a background with the Decimal color 10181878.

# 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**  
8617350

# Trichromacy



**Original Color**  
10181878



**Protanomaly**  
5075196



**Deuteranomaly**  
3699947



**Tritanomaly**  
9204143

# Monochromacy



**Original Color**  
10181878



**Achromatopsia**  
8421504



**Achromatomaly**  
9073579

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10181878 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 #9B5CF6 looks like.

```
.text, #text, p{  
    color:#9B5CF6  
}
```

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 #9B5CF6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B5CF6
}
```

## Border

The CSS property to change the border of an element to Decimal 10181878 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
#9B5CF6 }
```

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

```
.border{ border-color:#9B5CF6 }
```

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

Here you see how a box with a 4 pixel #9B5CF6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B5CF6; -webkit-box-shadow:4px 4px  
4px 4px #9B5CF6; box-shadow:4px 4px 4px  
4px #9B5CF6 }
```

# Background

The CSS property to change the background color of an element to Decimal 10181878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B5CF6 }
```

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

```
.background{ background-color:#9B5CF6 }
```

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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