

# Converting Colors

Decimal(10194877)

Have a look what the booklet for  
Decimal(10194877) contains.

<b>Decimal(10194877)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(10194877)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B8FBD
RGB	155, 143, 189
RGB Percent	61%, 56%, 74%
CMY	0.3922, 0.4392, 0.2588
CMYK	0.18, 0.24, 0.00, 0.26
HSL	256°, 26%, 65%
HSV	256°, 24%, 74%
XYZ	32.5253, 30.2876, 52.2759
YIQ	151.8320, -7.6140, 16.8500

# Conversions

## Conversions Part 2

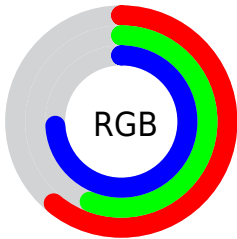
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	155, 143, 189
Decimal	10194877
CIE <sub>Lab</sub>	61.90, 13.95, -22.29
CIE <sub>LCh</sub>	62, 26.296, 302.028
Yxy	30.2876, 0.2826, 0.2632
Android (android.graphics.Color)	4288384957 (0xFF9B8FBD)
YUV	151.8320, 18.3238, 2.7783
Hunter-Lab	55.0342, 9.1841, -17.7945

# Details

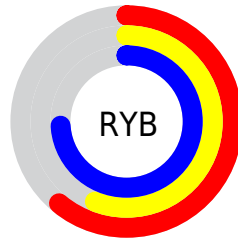
The Decimal color **10194877** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **11648399**, and the grayscale version is **10000536**.

A 20% lighter version of the original color is **13813237**, and **6774152** is the 20% darker color. If you saturate the color by 10%, you get **9272509**, and if you desaturate by 10%, it is **11117245**.

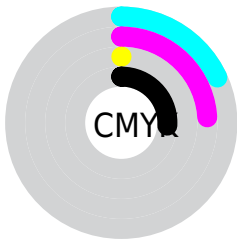
# Distribution



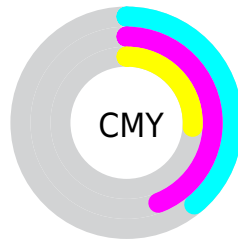
- Red (61%)
- Green (56%)
- Blue (74%)



- Red (61%)
- Yellow (56%)
- Blue (74%)



- Cyan (18%)
- Magenta (24%)
- Yellow (0%)
- Black (26%)



- Cyan (39%)
- Magenta (44%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10194877 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 10194877 by changing the saturation by 10% instead.



■ 10194877

■ 10194877

16777215

■ 8484258

■ 13813237

■ 6774152

■ 15655423

■ 5195118

■ 16776703

■ 3616598

■ 2103870

■ 852008

■ 274

■ 0

■ 10194877

■ 10194877

9272509

11117245

8350141

12039613

7427773

12961981

6505405

13884349

5583293

14806717

4660925

15728573

3738557

16646077

3211453

16777149

# Harmonies

## Analogous

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



8034244



10194877



11897004

# Triad

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



10194877



12094829



5808790

# Complementary

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



10194877



11648399

# 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.



7446655



10194877



10851687

# Square

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



10194877



12813950



9215086



5022381

# Rectangle

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



10194877



12551581



9215086



6267534



# Sweetspot

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



10194877



15262965



9417405



7565690



16448250



8026746



# Same Dimension

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



10194877



12627701



11702205



5723486



2687134



524319



# Inverse Universe

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



12423089



16101090



10206607



6182236



10354805



2031639



# Previews

## White Background



This preview shows how the Decimal color 10194877 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 10194877 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

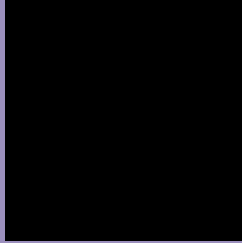
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 10194877 Background



This preview shows how black text looks on a background with the Decimal color 10194877.



This preview shows how white text looks on a background with the Decimal color 10194877.

# 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



**Original Color**  
10194877

**Protanopia**  
9082049

**Deuteranopia**  
9475004



**Tritanopia**  
9868448

# Trichromacy



**Original Color**  
10194877

**Protanomaly**  
9474752

**Deuteranomaly**  
9736892

**Tritanomaly**  
9999019

# Monochromacy



**Original Color**  
10194877

**Achromatopsia**  
10000536

**Achromatomaly**  
10065317

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10194877 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 #9B8FBD looks like.

```
.text, #text, p{  
    color:#9B8FBD  
}
```

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 #9B8FBD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B8FBD
}
```

## Border

The CSS property to change the border of an element to Decimal 10194877 is called "border". The border property can be set on classes, ids or directly on the HTML element.

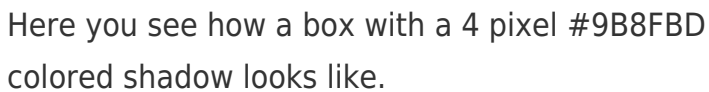
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B8FBD }
```

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

```
.border{ border-color:#9B8FBD }
```

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



Here you see how a box with a 4 pixel #9B8FBD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B8FBD; -webkit-box-shadow:4px 4px  
4px 4px #9B8FBD; box-shadow:4px 4px 4px  
4px #9B8FBD }
```

# Background

The CSS property to change the background color of an element to Decimal 10194877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B8FBD }
```

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

```
.background{ background-color:#9B8FBD }
```

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