

# Converting Colors

Decimal(10187955)

Have a look what the booklet for  
Decimal(10187955) contains.

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# **Color**

**Decimal(10187955)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9B74B3
RGB	155, 116, 179
RGB Percent	61%, 45%, 70%
CMY	0.3922, 0.5451, 0.2980
CMYK	0.13, 0.35, 0.00, 0.30
HSL	277°, 29%, 58%
HSV	277°, 35%, 70%
XYZ	27.8996, 22.7140, 45.5616
YIQ	134.8430, 3.0210, 27.8610

# Conversions

## Conversions Part 2

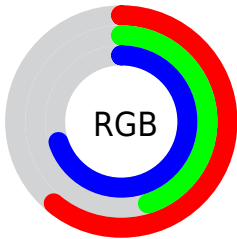
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	155, 116, 179
Decimal	10187955
CIE Lab	54.78, 27.22, -27.56
CIE LCh	55, 38.741, 314.644
Yxy	22.7140, 0.2901, 0.2362
Android (android.graphics.Color)	4288378035 (0xFF9B74B3)
YUV	134.8430, 21.7694, 17.6777
Hunter-Lab	47.6592, 21.0900, -23.3190

# Details

The Decimal color **10187955** is a light color, and the websafe version is hex **996699**. A complement of this color would be **9220980**, and the grayscale version is **8882055**.

A 20% lighter version of the original color is **13806059**, and **6767486** is the 20% darker color. If you saturate the color by 10%, you get **9724595**, and if you desaturate by 10%, it is **10651315**.

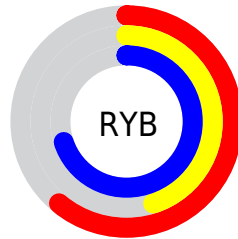
# Distribution



Red (61%)

Green (45%)

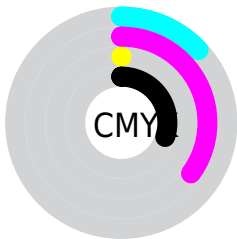
Blue (70%)



Red (61%)

Yellow (45%)

Blue (70%)

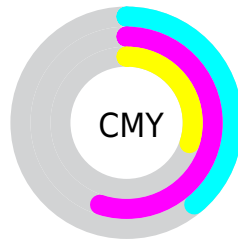


Cyan (13%)

Magenta (35%)

Yellow (0%)

Black (30%)



Cyan (39%)

Magenta (55%)


Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10187955 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 10187955 by changing the saturation by 10% instead.



 10187955

 10187955

16777215

 8412056

 13806059

 6767486

 15713535

 5123173

 16769279

 3544653

 16776703

 2031669

 32

 3

 0

 10187955

 10187955

9724595

10651315

9261235

11114675

8863411

11512499

8400051

11975859

7936947

12438963

7473587

12902323

7274675

13365683

13828019

14221235

# Harmonies

## Analogous

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



6980036



10187955



12151446

# Triad

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



10187955



10910530



38035

# Complementary

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



10187955



9220980

# 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.



3117936



10187955



8881728

# Square

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



10187955



12349269



6459218



37553

# Rectangle

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



10187955



12740479



6459218



38023



# Sweetspot

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



10187955



14602216



7638195



7300725



16119285



7697781



# Same Dimension

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



10187955



12814312



11760812



5656665



6226073



1048602



# Inverse Universe

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



11760780



15239084



7648123



5853268



10027066

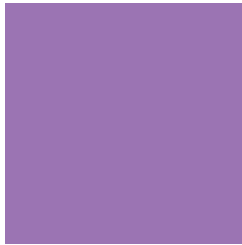


1703946



# Previews

## White Background



This preview shows how the Decimal color 10187955 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 10187955 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

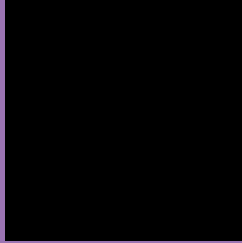
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 10187955 Background



This preview shows how black text looks on a background with the Decimal color 10187955.

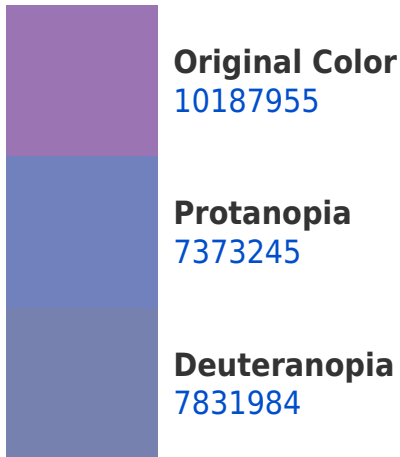



This preview shows how white text looks on a background with the Decimal color 10187955.

# 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**  
9731463

# Trichromacy



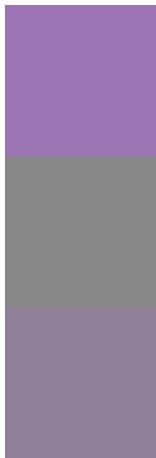
**Original Color**  
10187955

**Protanomaly**  
8420537

**Deuteranomaly**  
8682673

**Tritanomaly**  
9927319

# Monochromacy



**Original Color**  
10187955

**Achromatopsia**  
8882055

**Achromatomaly**  
9339031

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10187955 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 #9B74B3 looks like.

```
.text, #text, p{  
  color:#9B74B3  
}
```

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 #9B74B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B74B3
}
```

## Border

The CSS property to change the border of an element to Decimal 10187955 is called "border". The border property can be set on classes, ids or directly on the HTML element.

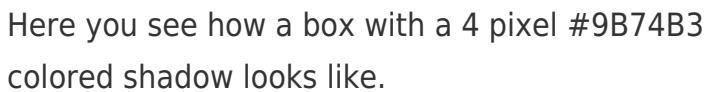
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B74B3 }
```

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

```
.border{ border-color:#9B74B3 }
```

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



Here you see how a box with a 4 pixel #9B74B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B74B3; -webkit-box-shadow:4px 4px  
4px 4px #9B74B3; box-shadow:4px 4px 4px  
4px #9B74B3 }
```

# Background

The CSS property to change the background color of an element to Decimal 10187955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B74B3 }
```

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

```
.background{ background-color:#9B74B3 }
```

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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