

# Converting Colors

Decimal(10249644)

Have a look what the booklet for  
Decimal(10249644) contains.

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# Color

**Decimal(10249644)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C65AC
RGB	156, 101, 172
RGB Percent	61%, 40%, 67%
CMY	0.3882, 0.6039, 0.3255
CMYK	0.09, 0.41, 0.00, 0.33
HSL	286°, 30%, 54%
HSV	286°, 41%, 67%
XYZ	25.8104, 19.3538, 41.4050
YIQ	125.5390, 9.9890, 33.7410

# Conversions

## Conversions Part 2

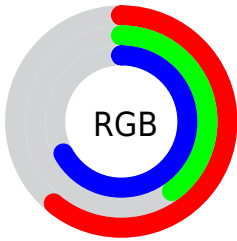
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	156, 101, 172
Decimal	10249644
CIE Lab	51.10, 34.57, -29.21
CIE LCh	51, 45.255, 319.800
Yxy	19.3538, 0.2981, 0.2236
Android (android.graphics.Color)	4288439724 (0xFF9C65AC)
YUV	125.5390, 22.9053, 26.7143
Hunter-Lab	43.9930, 27.7369, -25.0071

# Details

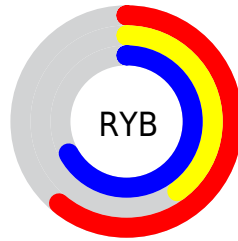
The Decimal color **10249644** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **7711845**, and the grayscale version is **8224125**.

A 20% lighter version of the original color is **13933028**, and **6763639** is the 20% darker color. If you saturate the color by 10%, you get **9983148**, and if you desaturate by 10%, it is **10516140**.

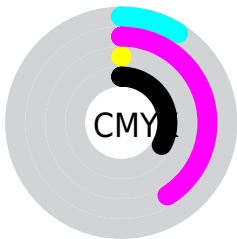
# Distribution



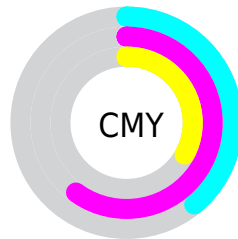
- Red (61%)
- Green (40%)
- Blue (67%)



- Red (61%)
- Yellow (40%)
- Blue (67%)



- Cyan (9%)
- Magenta (41%)
- Yellow (0%)
- Black (33%)



- Cyan (39%)
- Magenta (60%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10249644 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 10249644 by changing the saturation by 10% instead.



 10249644

 10249644

16777215

 8473745

 13933028

 6763639

 15774975

 5119070

 16765183

 3474246

 16772607

 2228272

 282

 0

 10249644

 10249644

 9983148

 10516140

9716652

10782636

9449900

11049388

9183404

11315884

8982444

11516844

8716460

11783340

12049836

12316588

12582828

# Harmonies

## Analogous

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



6649283



10249644



12212617

# Triad

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



10249644



10122026



36243

# Complementary

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



10249644



7711845

# 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.



35947



10249644



7765804

# Square

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



10249644



11887680



4753478



35508

# Rectangle

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



10249644



12670830



4753478



36230



# Sweetspot

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



10249644



14337504



6649516



7168112



15790320



7368816



# Same Dimension

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



10249644



13070560



11298201



5590615



7667862



1179671



# Inverse Universe

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



11298165



14708873



6663288



5721680



9830434

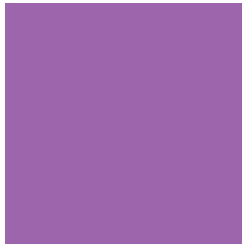


1507333



# Previews

## White Background



This preview shows how the Decimal color 10249644 looks on a white background.

## Color Contrast Check

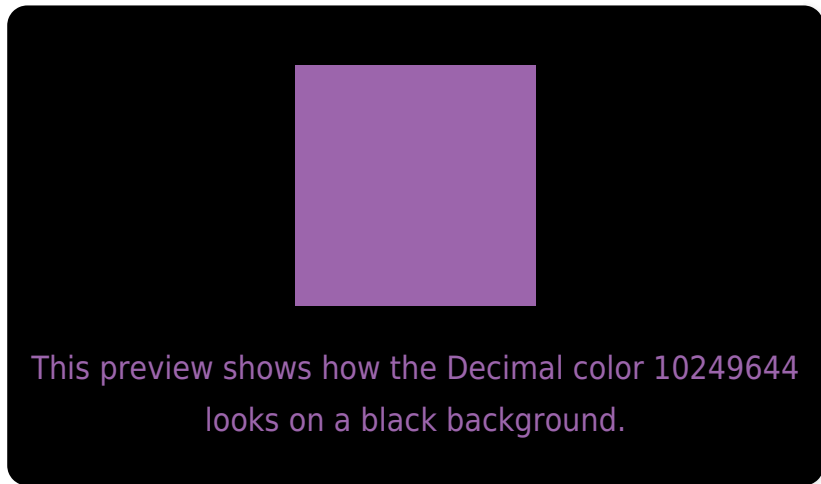
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

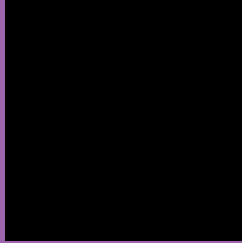
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 10249644 Background



This preview shows how black text looks on a background with the Decimal color 10249644.

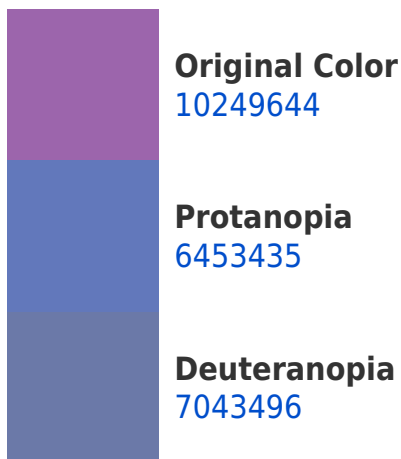


This preview shows how white text looks on a background with the Decimal color 10249644.

# 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**  
9793657

# Trichromacy



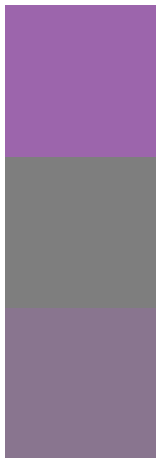
**Original Color**  
10249644

**Protanomaly**  
7827894

**Deuteranomaly**  
8221353

**Tritanomaly**  
9989260

# Monochromacy



**Original Color**  
10249644

**Achromatopsia**  
8289918

**Achromatomaly**  
9008527

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10249644 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 #9C65AC looks like.

```
.text, #text, p{  
  color:#9C65AC  
}
```

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 #9C65AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C65AC
}
```

## Border

The CSS property to change the border of an element to Decimal 10249644 is called "border". The border property can be set on classes, ids or directly on the HTML element.

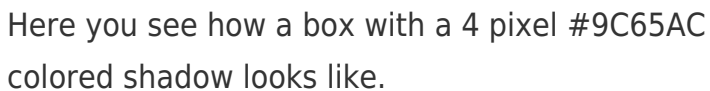
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C65AC }
```

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

```
.border{ border-color:#9C65AC }
```

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



Here you see how a box with a 4 pixel #9C65AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C65AC; -webkit-box-shadow:4px 4px  
4px 4px #9C65AC; box-shadow:4px 4px 4px  
4px #9C65AC }
```

# Background

The CSS property to change the background color of an element to Decimal 10249644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C65AC }
```

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

```
.background{ background-color:#9C65AC }
```

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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