

# Converting Colors

Decimal(10122659)

Have a look what the booklet for  
Decimal(10122659) contains.

<b>Decimal(10122659)</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(10122659)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A75A3
RGB	154, 117, 163
RGB Percent	60%, 46%, 64%
CMY	0.3961, 0.5412, 0.3608
CMYK	0.06, 0.28, 0.00, 0.36
HSL	288°, 20%, 55%
HSV	288°, 28%, 64%
XYZ	26.2986, 22.2369, 37.5564
YIQ	133.3070, 7.2860, 22.1500

# Conversions

## Conversions Part 2

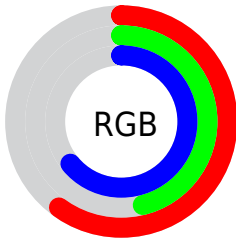
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	154, 117, 163
Decimal	10122659
CIE <sub>Lab</sub>	54.28, 22.89, -19.09
CIE <sub>LCh</sub>	54, 29.810, 320.170
Yxy	22.2369, 0.3055, 0.2583
Android (android.graphics.Color)	4288312739 (0xFF9A75A3)
YUV	133.3070, 14.6386, 18.1478
Hunter-Lab	47.1561, 17.0250, -14.2110

# Details

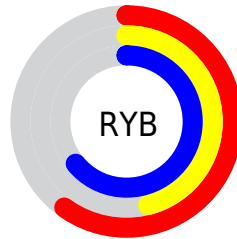
The Decimal color **10122659** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **8299381**, and the grayscale version is **8750469**.

A 20% lighter version of the original color is **13740506**, and **6702191** is the 20% darker color. If you saturate the color by 10%, you get **9921955**, and if you desaturate by 10%, it is **10323363**.

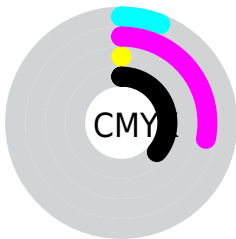
# Distribution



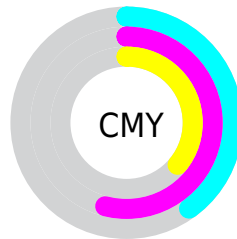
- Red (60%)
- Green (46%)
- Blue (64%)



- Red (60%)
- Yellow (46%)
- Blue (64%)



- Cyan (6%)
- Magenta (28%)
- Yellow (0%)
- Black (36%)



- Cyan (40%)
- Magenta (54%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10122659 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 10122659 by changing the saturation by 10% instead.



10122659

10122659

16777215

8412297

13740506

6702191

15582711

5123415

16769535

3544895

16776959

2162729

276

0

10122659

10122659

9921955

10323363

9720995

10524323

9454755

10790563

9254051

10991267

9053347

11192227

8852387

11392931

8651683

11593635

8585379

11859875

12058531

# Harmonies

## Analogous

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



7962290



10122659



11431819

# Triad

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



10122659



10190159



2265235

# Complementary

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



10122659



8299381

# 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.



4427640



10122659



8488529

# Square

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



10122659



11367771



6589536



2461097

# Rectangle

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



10122659



11824762



6589536



2920586



# Sweetspot

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



10122659



13681620



7700131



6905963



15461355



7039851



# Same Dimension

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



10122659



13012180



10712469



5261650



7667857



917522



# Inverse Universe

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



10712446



13929626



7709571



5392715



9502748

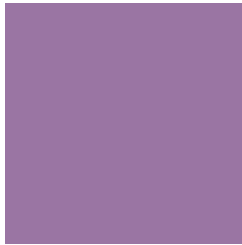


1179651



# Previews

## White Background



This preview shows how the Decimal color 10122659 looks on a white background.

## Color Contrast Check

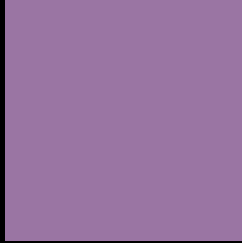
Large Text (above 18pt) WCAG AA ✓ Pass

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 10122659 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

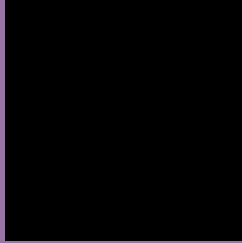
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 10122659 Background



This preview shows how black text looks on a background with the Decimal color 10122659.



This preview shows how white text looks on a background with the Decimal color 10122659.

# 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**  
10122659

**Protanopia**  
7766187

**Deuteranopia**  
8355745



# Trichromacy



**Original Color**  
10122659

**Protanomaly**  
8617128

**Deuteranomaly**  
9010082

**Tritanomaly**  
9927055

# Monochromacy



**Original Color**  
10122659

**Achromatopsia**  
8750469

**Achromatomaly**  
9273232

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10122659 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 #9A75A3 looks like.

```
.text, #text, p{  
    color:#9A75A3  
}
```

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 #9A75A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A75A3
}
```

## Border

The CSS property to change the border of an element to Decimal 10122659 is called "border". The border property can be set on classes, ids or directly on the HTML element.

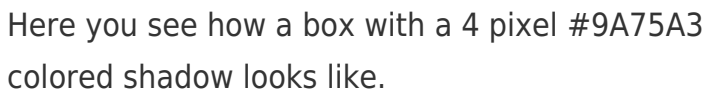
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A75A3 }
```

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

```
.border{ border-color:#9A75A3 }
```

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



Here you see how a box with a 4 pixel #9A75A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A75A3; -webkit-box-shadow:4px 4px  
4px 4px #9A75A3; box-shadow:4px 4px 4px  
4px #9A75A3 }
```

# Background

The CSS property to change the background color of an element to Decimal 10122659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A75A3 }
```

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

```
.background{ background-color:#9A75A3 }
```

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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