

# Converting Colors

Decimal(10251131)

Have a look what the booklet for  
Decimal(10251131) contains.

<b>Decimal(10251131)</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(10251131)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C6B7B
RGB	156, 107, 123
RGB Percent	61%, 42%, 48%
CMY	0.3882, 0.5804, 0.5176
CMYK	0.00, 0.31, 0.21, 0.39
HSL	340°, 20%, 52%
HSV	340°, 31%, 61%
XYZ	22.5431, 19.0134, 21.2207
YIQ	123.4750, 24.0680, 15.3640

# Conversions

## Conversions Part 2

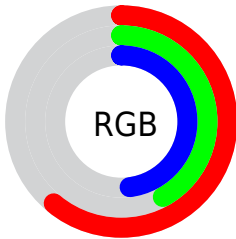
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	156, 107, 123
Decimal	10251131
CIE <sub>Lab</sub>	50.70, 21.99, -0.95
CIE <sub>LCh</sub>	51, 22.009, 357.521
Yxy	19.0134, 0.3591, 0.3029
Android (android.graphics.Color)	4288441211 (0xFF9C6B7B)
YUV	123.4750, -0.2342, 28.5244
Hunter-Lab	43.6043, 15.9758, 1.6687

# Details

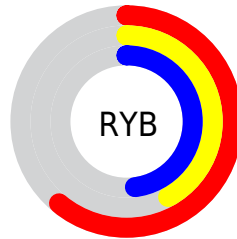
The Decimal color **10251131** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **7052428**, and the grayscale version is **8092539**.

A 20% lighter version of the original color is **13868975**, and **6830922** is the 20% darker color. If you saturate the color by 10%, you get **10247024**, and if you desaturate by 10%, it is **10255238**.

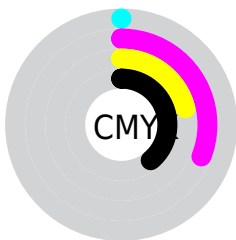
# Distribution



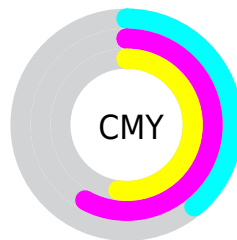
- Red (61%)
- Green (42%)
- Blue (48%)



- Red (61%)
- Yellow (42%)
- Blue (48%)



- Cyan (0%)
- Magenta (31%)
- Yellow (21%)
- Black (39%)
















- Cyan (39%)
- Magenta (58%)
- Yellow (52%)






# Brightness & Saturation Gradients

These gradients show how the Decimal color 10251131 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 10251131 by changing the saturation by 10% instead.



 10251131	 10251131
 16777215	 8475234
 13868975	 6830922
 15776459	 5186612
 16766695	 3608095
 16773887	 2359302
	 0

 10251131	 10251131
 10247024	 10255238
 10243174	 10259088

 10239067

 10263195

 10235217

 10267045

 10231110

 10271152

 10227004

 10275258

 10223667

 10279109

 10283215

 10287066

# Harmonies

## Analogous

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



9399949



10251131



10382440

# Triad

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



10251131



7634263



4685976

# Complementary

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



10251131



7052428

# 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.



4096905



10251131



6193508

# Square

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



10251131



8943443



4883318



6192030

# Rectangle

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



10251131



10121054



4883318



4358548



# Sweetspot

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



10251131



13417152



9202588



6708062



15132390



6710886



# Same Dimension

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



10251131



13401752



10253163



5195594



9371695



983045



# Inverse Universe

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



10251131



13401752



7050396



5195594



9371695

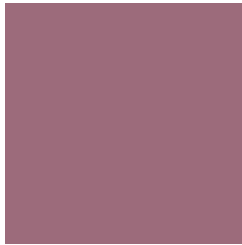


983045



# Previews

## White Background



This preview shows how the Decimal color 10251131 looks on a white background.

## Color Contrast Check

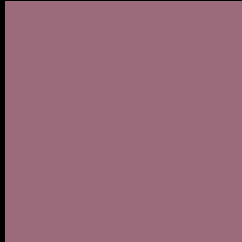
Large Text (above 18pt) WCAG AA ✓ Pass

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 10251131 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 10251131 Background



This preview shows how black text looks on a background with the Decimal color 10251131.



This preview shows how white text looks on a background with the Decimal color 10251131.

# 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**  
10251131

**Protanopia**  
7895171

**Deuteranopia**  
8746361



**Tritanopia**  
10185844

# Trichromacy



**Original Color**  
10251131

**Protanomaly**  
8745856

**Deuteranomaly**  
9269626

**Tritanomaly**  
10185847

# Monochromacy



**Original Color**  
10251131

**Achromatopsia**  
8092539

**Achromatomaly**  
8877435

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10251131 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 #9C6B7B looks like.

```
.text, #text, p{  
    color:#9C6B7B  
}
```

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 #9C6B7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C6B7B
}
```

## Border

The CSS property to change the border of an element to Decimal 10251131 is called "border". The border property can be set on classes, ids or directly on the HTML element.

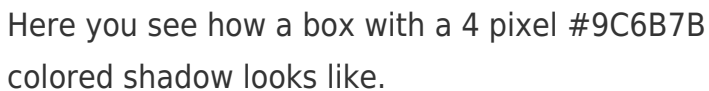
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C6B7B }
```

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

```
.border{ border-color:#9C6B7B }
```

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



Here you see how a box with a 4 pixel #9C6B7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C6B7B; -webkit-box-shadow:4px 4px  
4px 4px #9C6B7B; box-shadow:4px 4px 4px  
4px #9C6B7B }
```

# Background

The CSS property to change the background color of an element to Decimal 10251131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C6B7B }
```

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

```
.background{ background-color:#9C6B7B }
```

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