

# Converting Colors

Decimal(9795251)

Have a look what the booklet for  
Decimal(9795251) contains.

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# **Color**

**Decimal(9795251)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9576B3
RGB	149, 118, 179
RGB Percent	58%, 46%, 70%
CMY	0.4157, 0.5373, 0.2980
CMYK	0.17, 0.34, 0.00, 0.30
HSL	270°, 29%, 58%
HSV	270°, 34%, 70%
XYZ	27.0095, 22.6011, 45.5867
YIQ	134.2230, -1.1050, 25.5430

# Conversions

## Conversions Part 2

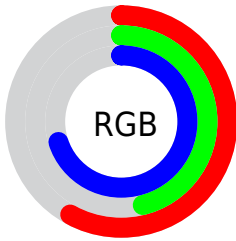
Format	Color
<a href="#">RYB</a>	<a href="#">149, 118, 179</a>
Decimal	<a href="#">9795251</a>
CIELab	<a href="#">54.66, 24.16, -27.79</a>
CIElCh	<a href="#">55, 36.825, 310.996</a>
Yxy	<a href="#">22.6011, 0.2837, 0.2374</a>
Android (android.graphics.Color)	<a href="#">4287985331 (0xFF9576B3)</a>
YUV	<a href="#">134.2230, 22.0751, 12.9594</a>
Hunter-Lab	<a href="#">47.5406, 18.2162, -23.5748</a>

# Details

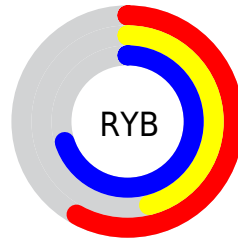
The Decimal color **9795251** is a light color, and the websafe version is hex **996699**. A complement of this color would be **9745270**, and the grayscale version is **8816262**.

A 20% lighter version of the original color is **13413099**, and **6374782** is the 20% darker color. If you saturate the color by 10%, you get **9200819**, and if you desaturate by 10%, it is **10389683**.

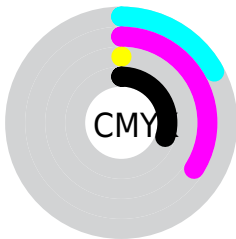
# Distribution



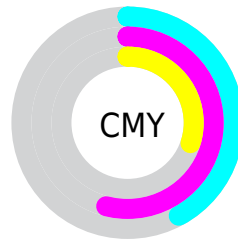
- Red (58%)
- Green (46%)
- Blue (70%)



- Red (58%)
- Yellow (46%)
- Blue (70%)



- Cyan (17%)
- Magenta (34%)
- Yellow (0%)
- Black (30%)



- Cyan (42%)
- Magenta (54%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9795251 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 9795251 by changing the saturation by 10% instead.



■ 9795251

■ 9795251

16777215

■ 8084888

■ 13413099

■ 6374782

■ 15255295

■ 4730469

■ 16769791

■ 3152205

■ 1704246

■ 288

■ 3

■ 0

■ 9795251

■ 9795251

9200819

10389683

8606387

10984115

8077491

11513011

7483059

12107443

6888883

12701875

6294451

13296051

5963955

13890483

14417843

15007667

# Harmonies

## Analogous

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



6652609



9795251



11758744

# Triad

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



9795251



11041350



37774

# Complementary

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



9795251



9745270

# 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.



4035181



9795251



9143619

# Square

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



9795251



12283739



6851921



37548

# Rectangle

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



9795251



12478851



6851921



234371



# Sweetspot

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



9795251



14537192



7771571



7235445



16119285



7697781



# Same Dimension

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



9795251



12159464



11761331



5591129



5111961



851994



# Inverse Universe

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



11761300



15239608



7779190



5853269



10027083

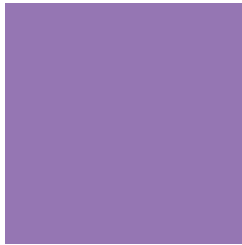


1703949



# Previews

## White Background



This preview shows how the Decimal color 9795251 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 9795251 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

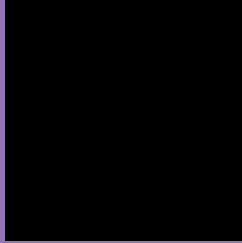
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 9795251 Background



This preview shows how black text looks on a background with the Decimal color 9795251.




This preview shows how white text looks on a background with the Decimal color 9795251.

# 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**  
9338760

# Trichromacy



**Original Color**  
9795251

**Protanomaly**  
8224185

**Deuteranomaly**  
8486322

**Tritanomaly**  
9534616

# Monochromacy



**Original Color**  
9795251

**Achromatopsia**  
8816262

**Achromatomaly**  
9142422

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9795251 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 #9576B3 looks like.

```
.text, #text, p{  
    color:#9576B3  
}
```

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 #9576B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9576B3
}
```

## Border

The CSS property to change the border of an element to Decimal 9795251 is called "border". The border property can be set on classes, ids or directly on the HTML element.

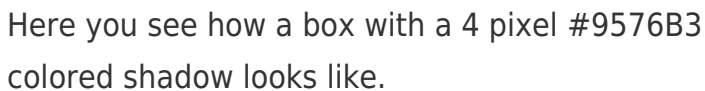
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9576B3 }
```

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

```
.border{ border-color:#9576B3 }
```

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



Here you see how a box with a 4 pixel #9576B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9576B3; -webkit-box-shadow:4px 4px  
4px 4px #9576B3; box-shadow:4px 4px 4px  
4px #9576B3 }
```

# Background

The CSS property to change the background color of an element to Decimal 9795251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9576B3 }
```

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

```
.background{ background-color:#9576B3 }
```

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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