

# Converting Colors

Decimal(9074583)

Have a look what the booklet for  
Decimal(9074583) contains.

<b>Decimal(9074583)</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(9074583)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8A7797
RGB	138, 119, 151
RGB Percent	54%, 47%, 59%
CMY	0.4588, 0.5333, 0.4078
CMYK	0.09, 0.21, 0.00, 0.41
HSL	276°, 13%, 53%
HSV	276°, 21%, 59%
XYZ	22.6640, 20.8313, 32.1045
YIQ	128.3290, 1.0520, 13.9800

# Conversions

## Conversions Part 2

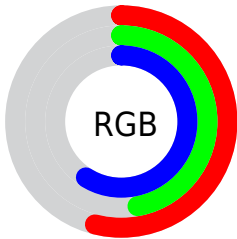
<b>Format</b>	<b>Color</b>
<b>RYB</b>	138, 119, 151
Decimal	9074583
CIELab	52.76, 13.65, -14.56
CIELCh	53, 19.959, 313.168
Yxy	20.8313, 0.2998, 0.2755
Android (android.graphics.Color)	4287264663 (0xFF8A7797)
YUV	128.3290, 11.1768, 8.4815
Hunter-Lab	45.6413, 8.7649, -9.7562

# Details

The Decimal color **9074583** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8689527**, and the grayscale version is **8421504**.

A 20% lighter version of the original color is **12626893**, and **5785444** is the 20% darker color. If you saturate the color by 10%, you get **8677527**, and if you desaturate by 10%, it is **9471639**.

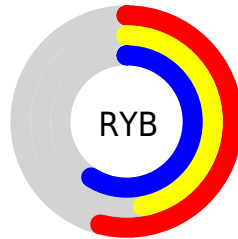
# Distribution



Red (54%)

Green (47%)

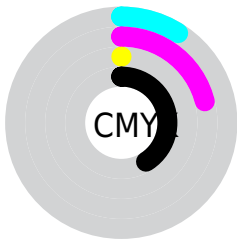
Blue (59%)



Red (54%)

Yellow (47%)

Blue (59%)

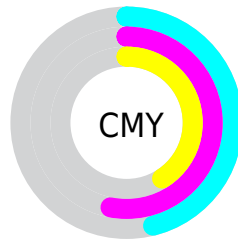


Cyan (9%)

Magenta (21%)

Yellow (0%)

Black (41%)



Cyan (46%)

Magenta (53%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9074583 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 9074583 by changing the saturation by 10% instead.



■ 9074583

■ 9074583

16777215

■ 7364221

■ 12626893

■ 5785444

■ 14469097

■ 4206668

■ 16311295

■ 2759477

■ 1507616

■ 5

■ 0

■ 9074583

■ 9074583

■ 8677527

■ 9471639

8280471

9868695

7883415

10265751

7420823

10728343

7023767

11125655

6626455

11522711

6229399

11919767

5898391

12316823

12713879

# Harmonies

## Analogous

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



7634335



9074583



10122120

# Triad

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



9074583



9665118



5146757

# Complementary

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



9074583



8689527

# 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.



6063987



9074583



8617820

# Square

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



9074583



10384487



7308389



5080725

# Rectangle

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



9074583



10515069



7308389



5408895



# Sweetspot

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



9074583



12630468



7832727



6380643



14935011



6513507



# Same Dimension

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



9074583



11572164



9926548



4801869



5439628



524301



# Inverse Universe

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



9926532



12882855



7837562



5064008



9175097

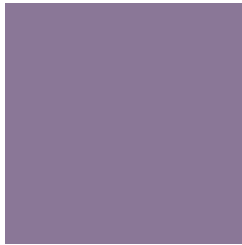


851973



# Previews

## White Background



This preview shows how the Decimal color 9074583 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 9074583 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

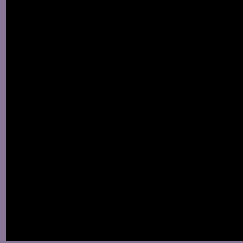
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 9074583 Background



This preview shows how black text looks on a background with the Decimal color 9074583.

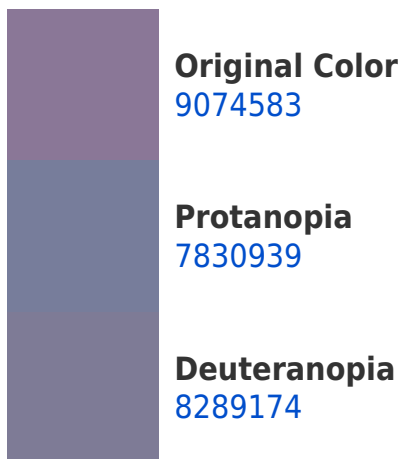


This preview shows how white text looks on a background with the Decimal color 9074583.

# 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**  
8878724

# Trichromacy



**Original Color**  
9074583

**Protanomaly**  
8289178

**Deuteranomaly**  
8551062

**Tritanomaly**  
8944011

# Monochromacy



**Original Color**  
9074583

**Achromatopsia**  
8421504

**Achromatomaly**  
8682888

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9074583 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 #8A7797 looks like.

```
.text, #text, p{  
  color:#8A7797  
}
```

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 #8A7797 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A7797
}
```

## Border

The CSS property to change the border of an element to Decimal 9074583 is called "border". The border property can be set on classes, ids or directly on the HTML element.

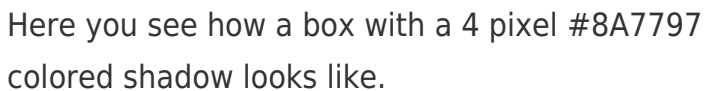
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A7797 }
```

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

```
.border{ border-color:#8A7797 }
```

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



Here you see how a box with a 4 pixel #8A7797 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A7797; -webkit-box-shadow:4px 4px  
4px 4px #8A7797; box-shadow:4px 4px 4px  
4px #8A7797 }
```

# Background

The CSS property to change the background color of an element to Decimal 9074583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A7797 }
```

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

```
.background{ background-color:#8A7797 }
```

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