

# Converting Colors

Decimal(9004952)

Have a look what the booklet for  
Decimal(9004952) contains.

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# Color

**Decimal(9004952)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	896798
RGB	137, 103, 152
RGB Percent	54%, 40%, 60%
CMY	0.4627, 0.5961, 0.4039
CMYK	0.10, 0.32, 0.00, 0.40
HSL	282°, 19%, 50%
HSV	282°, 32%, 60%
XYZ	20.8343, 17.2859, 31.9442
YIQ	118.7520, 4.5350, 22.4470

# Conversions

## Conversions Part 2

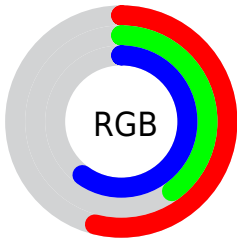
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	137, 103, 152
Decimal	9004952
CIE <sub>Lab</sub>	48.62, 22.95, -21.48
CIE <sub>LCh</sub>	49, 31.435, 316.886
Yxy	17.2859, 0.2974, 0.2467
Android (android.graphics.Color)	4287195032 (0xFF896798)
YUV	118.7520, 16.3913, 16.0035
Hunter-Lab	41.5763, 16.6896, -16.4507

# Details

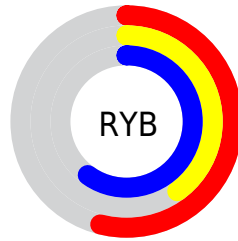
The Decimal color **9004952** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **7772263**, and the grayscale version is **7829367**.

A 20% lighter version of the original color is **12557006**, and **5650277** is the 20% darker color. If you saturate the color by 10%, you get **8673432**, and if you desaturate by 10%, it is **9336472**.

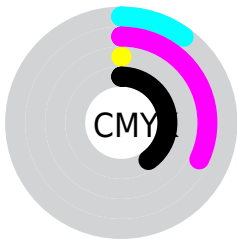
# Distribution



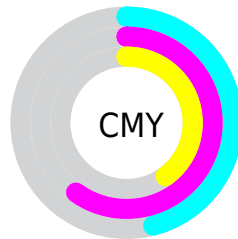
- Red (54%)
- Green (40%)
- Blue (60%)



- Red (54%)
- Yellow (40%)
- Blue (60%)



- Cyan (10%)
- Magenta (32%)
- Yellow (0%)
- Black (40%)



- Cyan (46%)
- Magenta (60%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9004952 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 9004952 by changing the saturation by 10% instead.



9004952

9004952

16777215

7294846

12557006

5650277

14398955

4071757

16306687

2559030

16772863

1245217

5

0

9004952

9004952

8673432

9336472

8407448

9602456

8075672

9934232

7744152

10265752

7478168

10531736

7146648

10863256

6881432

11194776

11461016

11792536

# Harmonies

## Analogous

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



6582694



9004952



10510464

# Triad

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



9004952



9399872



33154

# Complementary

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



9004952



7772263

# 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.



3375463



9004952



7763775

# Square

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



9004952



10511694



5733710



32666

# Rectangle

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



9004952



10903150



5733710



754297



# Sweetspot

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



9004952



12497348



6780824



6314083



14935011



6513507



# Same Dimension

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



9004952



11368644



9987983



4867405



6357132



589837



# Inverse Universe

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



9987958



12875919



6789232



5064007



9175083

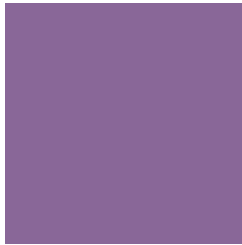


851972



# Previews

## White Background



This preview shows how the Decimal color 9004952 looks on a white background.

## Color Contrast Check

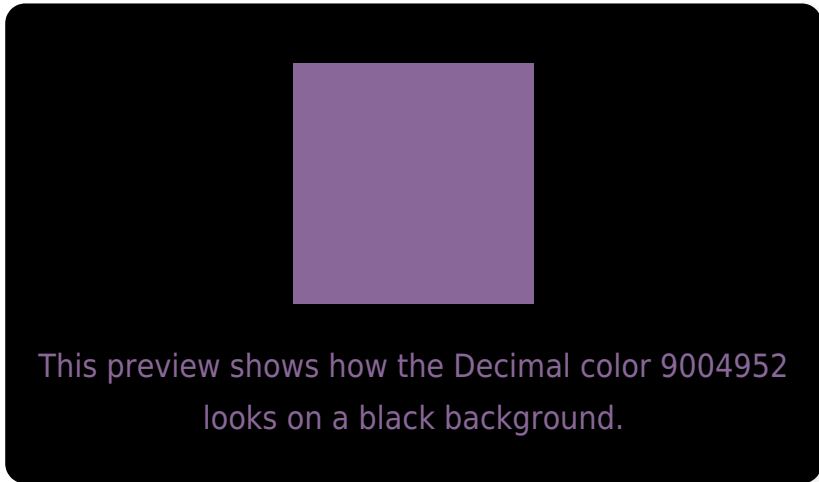
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

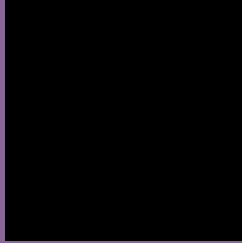
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 9004952 Background



This preview shows how black text looks on a background with the Decimal color 9004952.



This preview shows how white text looks on a background with the Decimal color 9004952.

# 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**  
8679030

# Trichromacy



**Original Color**  
9004952

**Protanomaly**  
7564957

**Deuteranomaly**  
7827095

**Tritanomaly**  
8809346

# Monochromacy



**Original Color**  
9004952

**Achromatopsia**  
7829367

**Achromatomaly**  
8286595

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9004952 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 #896798 looks like.

```
.text, #text, p{  
    color:#896798  
}
```

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 #896798 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #896798
}
```

## Border

The CSS property to change the border of an element to Decimal 9004952 is called "border". The border property can be set on classes, ids or directly on the HTML element.

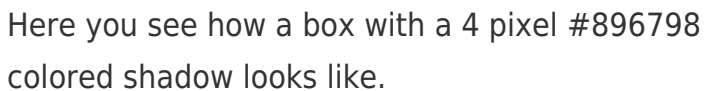
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#896798 }
```

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

```
.border{ border-color:#896798 }
```

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



Here you see how a box with a 4 pixel #896798 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #896798; -webkit-box-shadow:4px 4px  
4px 4px #896798; box-shadow:4px 4px 4px  
4px #896798 }
```

# Background

The CSS property to change the background color of an element to Decimal 9004952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#896798 }
```

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

```
.background{ background-color:#896798 }
```

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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