

# Converting Colors

Decimal(9005197)

Have a look what the booklet for  
Decimal(9005197) contains.

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# Color

**Decimal(9005197)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	89688D
RGB	137, 104, 141
RGB Percent	54%, 41%, 55%
CMY	0.4627, 0.5922, 0.4471
CMYK	0.03, 0.26, 0.00, 0.45
HSL	294°, 15%, 48%
HSV	294°, 26%, 55%
XYZ	20.0746, 17.1421, 27.4500
YIQ	118.0850, 7.7910, 18.5030

# Conversions

## Conversions Part 2

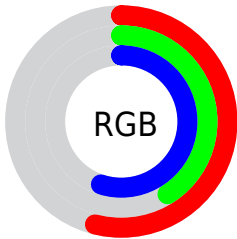
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	137, 104, 141
Decimal	9005197
CIE <sub>Lab</sub>	48.44, 20.01, -15.24
CIE <sub>LCh</sub>	48, 25.156, 322.702
Yxy	17.1421, 0.3104, 0.2651
Android (android.graphics.Color)	4287195277 (0xFF89688D)
YUV	118.0850, 11.2971, 16.5885
Hunter-Lab	41.4030, 14.0918, -10.3269

# Details

The Decimal color **9005197** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **7114088**, and the grayscale version is **7763574**.

A 20% lighter version of the original color is **12557251**, and **5716059** is the 20% darker color. If you saturate the color by 10%, you get **8870541**, and if you desaturate by 10%, it is **9139853**.

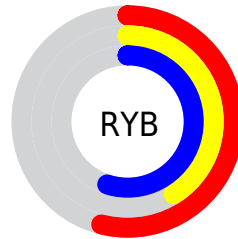
# Distribution



Red (54%)

Green (41%)

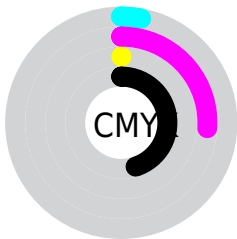
Blue (55%)



Red (54%)

Yellow (41%)

Blue (55%)

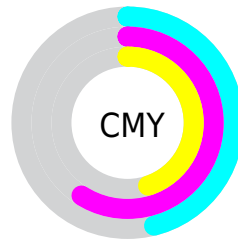


Cyan (3%)

Magenta (26%)

Yellow (0%)

Black (45%)



Cyan (46%)

Magenta (59%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9005197 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 9005197 by changing the saturation by 10% instead.



■ 9005197

■ 9005197

16777215

■ 7295091

■ 12557251

■ 5716059

■ 14399199

■ 4137539

■ 16241403

■ 2624813

■ 16772863

■ 1179673

■ 0

■ 9005197

■ 9005197

■ 8870541

■ 9139853

■ 8801421

■ 9208973

8666765

9343629

8597645

9412749

8462989

9547661

8393613

9616781

8258957

9751437

8257677

9820557

9955213

# Harmonies

## Analogous

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



7237530



9005197



10052473

# Triad

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



9005197



8810569



2784899

# Complementary

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



9005197



7114088

# 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.



4161133



9005197



7436107

# Square

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



9005197



9857362



5799001



3177620

# Rectangle

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



9005197



10314603



5799001



3112828



# Sweetspot

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



9005197



11971000



6843533



5985116



14408667



6052956



# Same Dimension

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



9005197



11632568



9267327



4669511



7929991



458760



# Inverse Universe

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



9267308



12091269



6851958



4669505



8847375

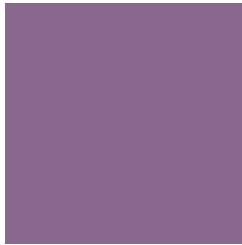


524289



# Previews

## White Background



This preview shows how the Decimal color 9005197 looks on a white background.

## Color Contrast Check

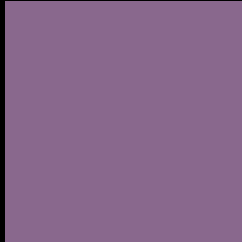
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 9005197 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

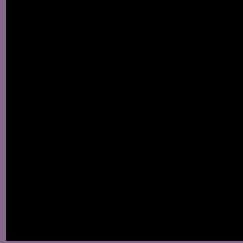
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 9005197 Background



This preview shows how black text looks on a background with the Decimal color 9005197.

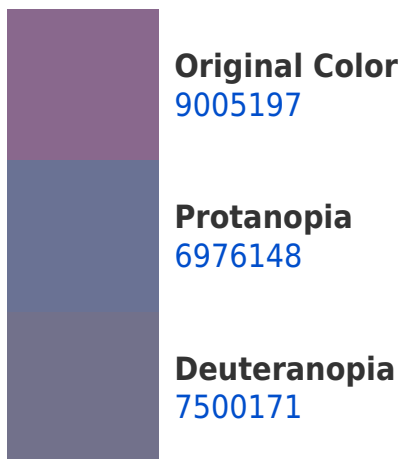


This preview shows how white text looks on a background with the Decimal color 9005197.

# 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**  
8809845

# Trichromacy



**Original Color**  
9005197

**Protanomaly**  
7696017

**Deuteranomaly**  
8023692

**Tritanomaly**  
8874878

# Monochromacy



**Original Color**  
9005197

**Achromatopsia**  
7763574

**Achromatomaly**  
8221054

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9005197 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 #89688D looks like.

```
.text, #text, p{  
    color:#89688D  
}
```

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 #89688D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89688D
}
```

## Border

The CSS property to change the border of an element to Decimal 9005197 is called "border". The border property can be set on classes, ids or directly on the HTML element.

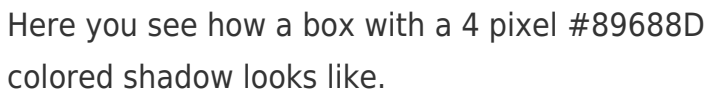
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#89688D }
```

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

```
.border{ border-color:#89688D }
```

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



Here you see how a box with a 4 pixel #89688D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89688D; -webkit-box-shadow:4px 4px  
4px 4px #89688D; box-shadow:4px 4px 4px  
4px #89688D }
```

# Background

The CSS property to change the background color of an element to Decimal 9005197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89688D }
```

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

```
.background{ background-color:#89688D }
```

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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