

# Converting Colors

Decimal(8813990)

Have a look what the booklet for  
Decimal(8813990) contains.

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# Color

**Decimal(8813990)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	867DA6
RGB	134, 125, 166
RGB Percent	53%, 49%, 65%
CMY	0.4745, 0.5098, 0.3490
CMYK	0.19, 0.25, 0.00, 0.35
HSL	253°, 19%, 57%
HSV	253°, 25%, 65%
XYZ	24.0481, 22.4887, 39.1497
YIQ	132.3650, -7.7970, 14.6590

# Conversions

## Conversions Part 2

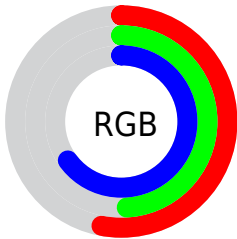
<b>Format</b>	<b>Color</b>
<b>RYB</b>	134, 125, 166
Decimal	8813990
CIELab	54.54, 12.18, -20.59
CIELCh	55, 23.926, 300.604
Yxy	22.4887, 0.2807, 0.2625
Android (android.graphics.Color)	4287004070 (0xFF867DA6)
YUV	132.3650, 16.5821, 1.4339
Hunter-Lab	47.4223, 7.5292, -15.7515

# Details

The Decimal color **8813990** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **10331773**, and the grayscale version is **8684676**.

A 20% lighter version of the original color is **12366557**, and **5524594** is the 20% darker color. If you saturate the color by 10%, you get **7957670**, and if you desaturate by 10%, it is **9670310**.

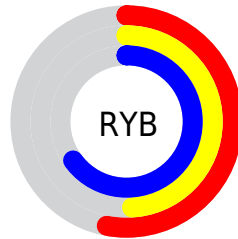
# Distribution



Red (53%)

Green (49%)

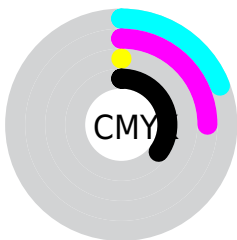
Blue (65%)



Red (53%)

Yellow (49%)

Blue (65%)

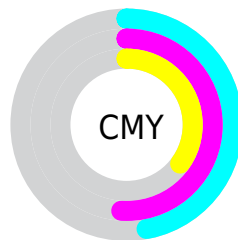


Cyan (19%)

Magenta (25%)

Yellow (0%)

Black (35%)



Cyan (47%)

Magenta (51%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8813990 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 8813990 by changing the saturation by 10% instead.



■ 8813990

■ 8813990

16777215

■ 7103628

■ 12366557

■ 5524594

■ 14208506

■ 3945817

■ 16050687

■ 2433090

■ 1116716

■ 278

■ 0

■ 8813990

■ 8813990

■ 7957670

■ 9670310

7101606

10526374

6245286

11382694

5389222

12238758

4532902

13095078

3676582

13951398

2820518

14807462

2359462

15663014

16514982

# Harmonies

## Analogous

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



6849707



8813990



10319511

# Triad

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



8813990



10648159



5017218

# Complementary

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



8813990



10331773

# 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.



6524014



8813990



9535833

# Square

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



8813990



11236718



8095838



4296087

# Rectangle

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



8813990



10974346



8095838



5475963



# Sweetspot

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



8813990



13486809



8232358



6776174



15592941



7237230



# Same Dimension

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



8813990



10918105



10124710



5131348



2097300



262164



# Inverse Universe

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



10911133



14260426



9021053



5524562



9699443



1310736



# Previews

## White Background



This preview shows how the Decimal color 8813990 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 8813990 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

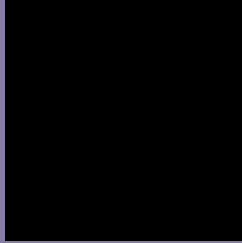
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 8813990 Background



This preview shows how black text looks on a background with the Decimal color 8813990.



This preview shows how white text looks on a background with the Decimal color 8813990.

# 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**  
8813990

**Protanopia**  
7897513

**Deuteranopia**  
8224933



**Tritanopia**  
8487564

# Trichromacy



**Original Color**  
8813990

**Protanomaly**  
8224936

**Deuteranomaly**  
8421285

**Tritanomaly**  
8618133

# Monochromacy



**Original Color**  
8813990

**Achromatopsia**  
8684676

**Achromatomaly**  
8749456

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8813990 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 #867DA6 looks like.

```
.text, #text, p{  
    color:#867DA6  
}
```

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 #867DA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #867DA6
}
```

## Border

The CSS property to change the border of an element to Decimal 8813990 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
#867DA6 }
```

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

```
.border{ border-color:#867DA6 }
```

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

Here you see how a box with a 4 pixel #867DA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #867DA6; -webkit-box-shadow:4px 4px  
4px 4px #867DA6; box-shadow:4px 4px 4px  
4px #867DA6 }
```

# Background

The CSS property to change the background color of an element to Decimal 8813990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#867DA6 }
```

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

```
.background{ background-color:#867DA6 }
```

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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