

Converting Colors

Decimal(8872350)

Have a look what the booklet for
Decimal(8872350) contains.

Decimal(8872350)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(8872350)

Conversions

Conversions Part 1

Format	Color
Hex	87619E
RGB	135, 97, 158
RGB Percent	53%, 38%, 62%
CMY	0.4706, 0.6196, 0.3804
CMYK	0.15, 0.39, 0.00, 0.38
HSL	277°, 24%, 50%
HSV	277°, 39%, 62%
XYZ	20.4379, 16.1689, 34.3915
YIQ	115.3160, 3.0670, 27.0270

Conversions

Conversions Part 2

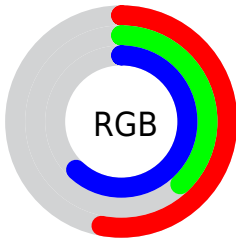
Format	Color
R_{YB}	135, 97, 158
Decimal	8872350
CIE _{Lab}	47.20, 27.16, -27.25
CIE _{LCh}	47, 38.470, 314.904
Yxy	16.1689, 0.2879, 0.2277
Android (android.graphics.Color)	4287062430 (0xFF87619E)
YUV	115.3160, 21.0432, 17.2629
Hunter-Lab	40.2106, 20.3581, -22.5624

Details

The Decimal color **8872350** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **7904865**, and the grayscale version is **7566195**.

A 20% lighter version of the original color is **12424405**, and **5517674** is the 20% darker color. If you saturate the color by 10%, you get **8475038**, and if you desaturate by 10%, it is **9269662**.

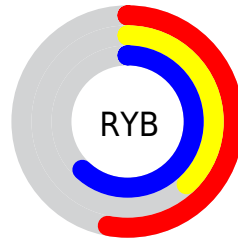
Distribution



Red (53%)

Green (38%)

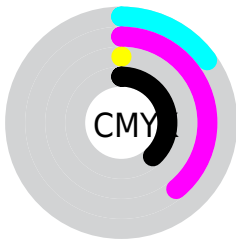
Blue (62%)



Red (53%)

Yellow (38%)

Blue (62%)

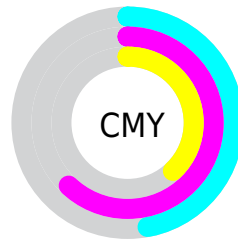


Cyan (15%)

Magenta (39%)

Yellow (0%)

Black (38%)



Cyan (47%)

Magenta (62%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8872350 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 8872350 by changing the saturation by 10% instead.

■ 8872350

■ 8872350

16777215

■ 7162244

■ 12424405

■ 5517674

■ 14266353

■ 3939154

■ 16174079

■ 2360634

■ 16771071

■ 720933

■ 12

■ 0

■ 8872350

■ 8872350

■ 8475038

■ 9269662

8077726

9666974

7680670

10064030

7283358

10461342

6886046

10858654

6488734

11255966

6422686

11653278

12050334

12447646

Harmonies

Analogous

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



5664430



8872350



10704770

Triad

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



8872350



9529392



32896

Complementary

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



8872350



7904865

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.



1277790



8872350



7566127

Square

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



8872350



10837060



5208896



32413

Rectangle

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



8872350



11293804



5208896



32884

Sweetspot

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



8872350



12957391



6387870



6511209



15263976



6908265

Same Dimension

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



8872350



11235535



10379671



4998991



5832847



655375

Inverse Universe

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



10379640



13594771



6397544



5195594



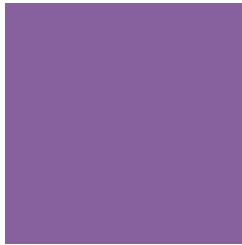
9371702



983046

Previews

White Background



This preview shows how the Decimal color 8872350 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 8872350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

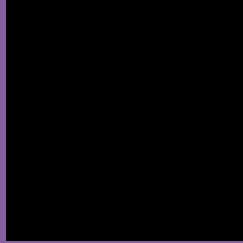
Any Text WCAG AA × Fail

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 8872350 Background



This preview shows how black text looks on a background with the Decimal color 8872350.




This preview shows how white text looks on a background with the Decimal color 8872350.

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
8415858

Trichromacy



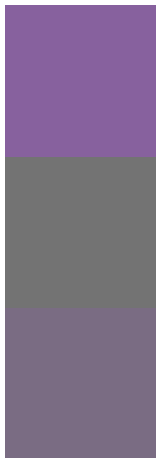
Original Color
8872350

Protanomaly
7104933

Deuteranomaly
7301788

Tritanomaly
8611714

Monochromacy



Original Color
8872350

Achromatopsia
7566195

Achromatomaly
8023171

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8872350 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 #87619E looks like.

```
.text, #text, p{  
    color:#87619E  
}
```

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 #87619E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87619E
}
```

Border

The CSS property to change the border of an element to Decimal 8872350 is called "border". The border property can be set on classes, ids or directly on the HTML element.

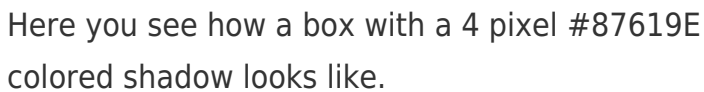
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#87619E }
```

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

```
.border{ border-color:#87619E }
```

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



Here you see how a box with a 4 pixel #87619E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87619E; -webkit-box-shadow:4px 4px  
4px 4px #87619E; box-shadow:4px 4px 4px  
4px #87619E }
```

Background

The CSS property to change the background color of an element to Decimal 8872350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87619E }
```

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

```
.background{ background-color:#87619E }
```

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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