

Converting Colors

Decimal(8551837)

Have a look what the booklet for
Decimal(8551837) contains.

Decimal(8551837)	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(8551837)

Conversions

Conversions Part 1

Format	Color
Hex	827D9D
RGB	130, 125, 157
RGB Percent	51%, 49%, 62%
CMY	0.4902, 0.5098, 0.3843
CMYK	0.17, 0.20, 0.00, 0.38
HSL	249°, 14%, 55%
HSV	249°, 20%, 62%
XYZ	22.6253, 21.8474, 34.9228
YIQ	130.1430, -7.2920, 11.0120

Conversions

Conversions Part 2

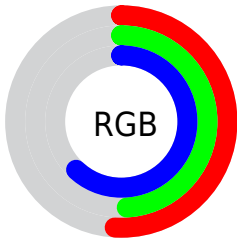
Format	Color
RYB	130, 125, 157
Decimal	8551837
CIELab	53.86, 8.74, -16.45
CIElCh	54, 18.623, 297.975
Yxy	21.8474, 0.2850, 0.2752
Android (android.graphics.Color)	4286741917 (0xFF827D9D)
YUV	130.1430, 13.2405, -0.1254
Hunter-Lab	46.7412, 4.6069, -11.5798

Details

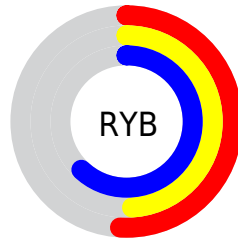
The Decimal color **8551837** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **10001789**, and the grayscale version is **8553090**.

A 20% lighter version of the original color is **12038868**, and **5262442** is the 20% darker color. If you saturate the color by 10%, you get **7695773**, and if you desaturate by 10%, it is **9407901**.

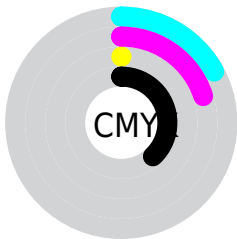
Distribution



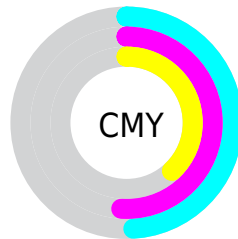
- Red (51%)
- Green (49%)
- Blue (62%)



- Red (51%)
- Yellow (49%)
- Blue (62%)



- Cyan (17%)
- Magenta (20%)
- Yellow (0%)
- Black (38%)



- Cyan (49%)
- Magenta (51%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8551837 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 8551837 by changing the saturation by 10% instead.

■ 8551837

■ 8551837

16777215

■ 6907011

■ 12038868

■ 5262442

■ 13880816

■ 3749457

■ 15723007

■ 2302010

■ 985381

■ 270

■ 0

■ 8551837

■ 8551837

■ 7695773

■ 9407901

6839965

10263709

5918365

11185309

5062301

12041373

4206237

12897437

3350429

13753245

2428829

14674845

1638557

15530909

16383901

Harmonies

Analogous

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



7111584



8551837



9730194

Triad

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



8551837



10189414



5933695

Complementary

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



8551837



10001789

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.



6981743



8551837



9338721

Square

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



8551837



10581618



8225892



5474703

Rectangle

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



8551837



10319496



8225892



6261114

Sweetspot

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



8551837



12763340



8231069



6315878



15132390



6710886

Same Dimension

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



8551837



10722252



9600413



4736847



1441935



131087

Inverse Universe

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



10321304



13409220



8953213



5195598



9371768



983053

Previews

White Background



This preview shows how the Decimal color 8551837 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 8551837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

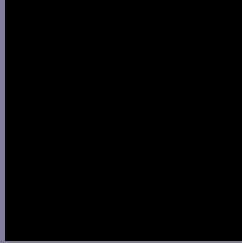
Any Text WCAG AA ✓ Pass

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 8551837 Background



This preview shows how black text looks on a background with the Decimal color 8551837.



This preview shows how white text looks on a background with the Decimal color 8551837.

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
8551837

Protanopia
7962527

Deuteranopia
8355485



Tritanopia
8355978

Trichromacy



Original Color
8551837

Protanomaly
8158878

Deuteranomaly
8421021

Tritanomaly
8421265

Monochromacy



Original Color
8551837

Achromatopsia
8553090

Achromatomaly
8552588

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8551837 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 #827D9D looks like.

```
.text, #text, p{  
    color:#827D9D  
}
```

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 #827D9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #827D9D
}
```

Border

The CSS property to change the border of an element to Decimal 8551837 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
#827D9D }
```

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

```
.border{ border-color:#827D9D }
```

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

Here you see how a box with a 4 pixel #827D9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #827D9D; -webkit-box-shadow:4px 4px  
4px 4px #827D9D; box-shadow:4px 4px 4px  
4px #827D9D }
```

Background

The CSS property to change the background color of an element to Decimal 8551837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#827D9D }
```

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

```
.background{ background-color:#827D9D }
```

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