

Converting Colors

Decimal(8861579)

Have a look what the booklet for
Decimal(8861579) contains.

Decimal(8861579)	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(8861579)

Conversions

Conversions Part 1

Format	Color
Hex	87378B
RGB	135, 55, 139
RGB Percent	53%, 22%, 55%
CMY	0.4706, 0.7843, 0.4549
CMYK	0.03, 0.60, 0.00, 0.45
HSL	297°, 43%, 38%
HSV	297°, 60%, 55%
XYZ	16.0181, 9.7474, 25.4633
YIQ	88.4960, 20.7160, 43.0840

Conversions

Conversions Part 2

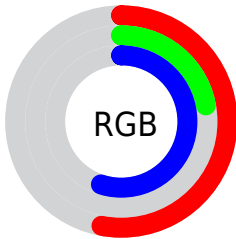
Format	Color
R_{YB}	135, 55, 139
Decimal	8861579
CIE _{Lab}	37.39, 46.07, -31.18
CIE _{LCh}	37, 55.630, 325.914
Yxy	9.7474, 0.3127, 0.1903
Android (android.graphics.Color)	4287051659 (0xFF87378B)
YUV	88.4960, 24.8985, 40.7840
Hunter-Lab	31.2208, 36.9446, -26.5017

Details

The Decimal color **8861579** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **3902263**, and the grayscale version is **5789784**.

A 20% lighter version of the original color is **12479425**, and **5374040** is the 20% darker color. If you saturate the color by 10%, you get **8792459**, and if you desaturate by 10%, it is **8930699**.

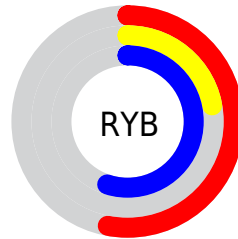
Distribution



Red (53%)

Green (22%)

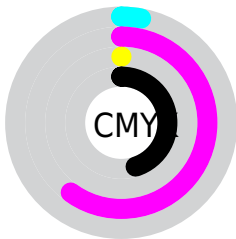
Blue (55%)



Red (53%)

Yellow (22%)

Blue (55%)

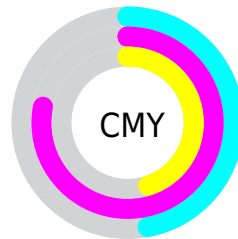


Cyan (3%)

Magenta (60%)

Yellow (0%)

Black (45%)



Cyan (47%)

Magenta (78%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8861579 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 8861579 by changing the saturation by 10% instead.

8861579

8861579

16777215

7085169

12479425

5374040

14386653

3735617

16294138

2293802

16760063

276

16767487

0

16774911

8861579

8861579

8792459

8930699

8788875

8934283

8719755

9003403

8650891

9072523

9076107

9144971

9214091

9217675

9286795

Harmonies

Analogous

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



4607914



8861579



10691168

Triad

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



8861579



7361536



27774

Complementary

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



8861579



3902263

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.



27472



8861579



4546816

Square

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



8861579



9519109



26657



26786

Rectangle

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



8861579



10888258



26657



27759

Sweetspot

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



8861579



11769013



3619723



5982300



14408667



6052956

Same Dimension

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



8861579



11481525



9123685



4537925



8257669



327685

Inverse Universe

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



9123643



11874615



3640157



4537918



8716294



327680

Previews

White Background



This preview shows how the Decimal color 8861579 looks on a white background.

Color Contrast Check

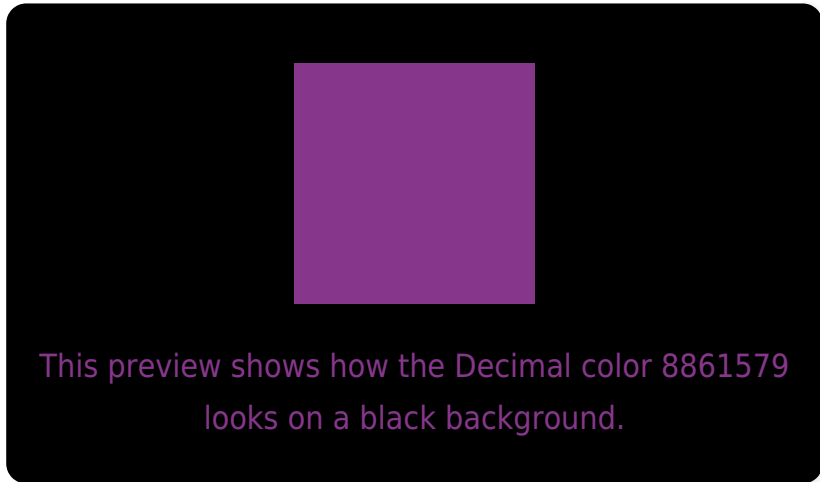
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

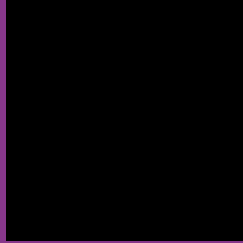
Any Text WCAG AA × Fail

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 8861579 Background



This preview shows how black text looks on a background with the Decimal color 8861579.




This preview shows how white text looks on a background with the Decimal color 8861579.

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
8341582

Trichromacy



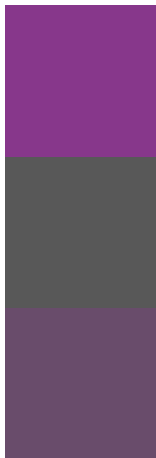
Original Color
8861579

Protanomaly
5065629

Deuteranomaly
6048903

Tritanomaly
8536676

Monochromacy



Original Color
8861579

Achromatopsia
5789784

Achromatomaly
6900843

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8861579 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 #87378B looks like.

```
.text, #text, p{  
    color:#87378B  
}
```

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 #87378B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87378B
}
```

Border

The CSS property to change the border of an element to Decimal 8861579 is called "border". The border property can be set on classes, ids or directly on the HTML element.

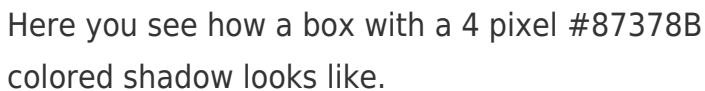
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#87378B }
```

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

```
.border{ border-color:#87378B }
```

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



Here you see how a box with a 4 pixel `#87378B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87378B; -webkit-box-shadow:4px 4px  
4px 4px #87378B; box-shadow:4px 4px 4px  
4px #87378B }
```

Background

The CSS property to change the background color of an element to Decimal 8861579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87378B }
```

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

```
.background{ background-color:#87378B }
```

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