

Converting Colors

Decimal(8212873)

Have a look what the booklet for
Decimal(8212873) contains.

Decimal(8212873)	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(8212873)

Conversions

Conversions Part 1

Format	Color
Hex	7D5189
RGB	125, 81, 137
RGB Percent	49%, 32%, 54%
CMY	0.5098, 0.6824, 0.4627
CMYK	0.09, 0.41, 0.00, 0.46
HSL	287°, 26%, 43%
HSV	287°, 41%, 54%
XYZ	15.9152, 12.0510, 25.1542
YIQ	100.5400, 8.2480, 26.7440

Conversions

Conversions Part 2

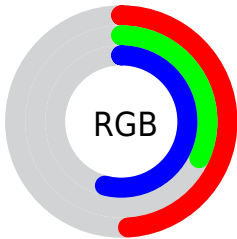
Format	Color
RYB	125, 81, 137
Decimal	8212873
CIELab	41.30, 28.62, -23.93
CIELCh	41, 37.306, 320.097
Yxy	12.0510, 0.2996, 0.2269
Android (android.graphics.Color)	4286402953 (0xFF7D5189)
YUV	100.5400, 17.9748, 21.4514
Hunter-Lab	34.7145, 21.0848, -18.6614

Details

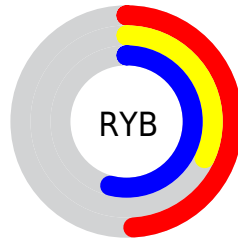
The Decimal color **8212873** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **6130001**, and the grayscale version is **6579300**.

A 20% lighter version of the original color is **11764671**, and **4923991** is the 20% darker color. If you saturate the color by 10%, you get **8012681**, and if you desaturate by 10%, it is **8413065**.

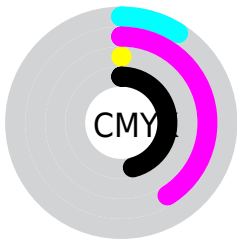
Distribution



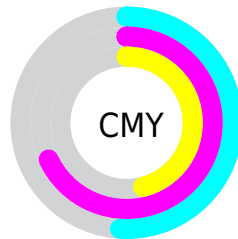
- Red (49%)
- Green (32%)
- Blue (54%)



- Red (49%)
- Yellow (32%)
- Blue (54%)



- Cyan (9%)
- Magenta (41%)
- Yellow (0%)
- Black (46%)



- Cyan (51%)
- Magenta (68%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8212873 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 8212873 by changing the saturation by 10% instead.

8212873

8212873

16777215

6502767

11764671

4923991

13541083

3345215

15448567

2097193

16766463

275

16773631

0

8212873

8212873

8012681

8413065

7812745

8613001

7612553

8813193

7412361

9013385

7212425

9213577

7078025

9413513

9613705

9748361

9948297

Harmonies

Analogous

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



5397915



8212873



9783405

Triad

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



8212873



8084515



29045

Complementary

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



8212873



6130001

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.



28758



8212873



6252069

Square

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



8212873



9523507



3829048



28304

Rectangle

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



8212873



10110808



3829048



29035

Sweetspot

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



8212873



11443635



5332361



5721433



14277081



5855577

Same Dimension

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



8212873



10509235



8999289



4406853



6815877



262149

Inverse Universe

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



8999261



11754350



5343585



4537919



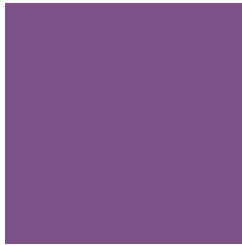
8716316



327681

Previews

White Background



This preview shows how the Decimal color 8212873 looks on a white background.

Color Contrast Check

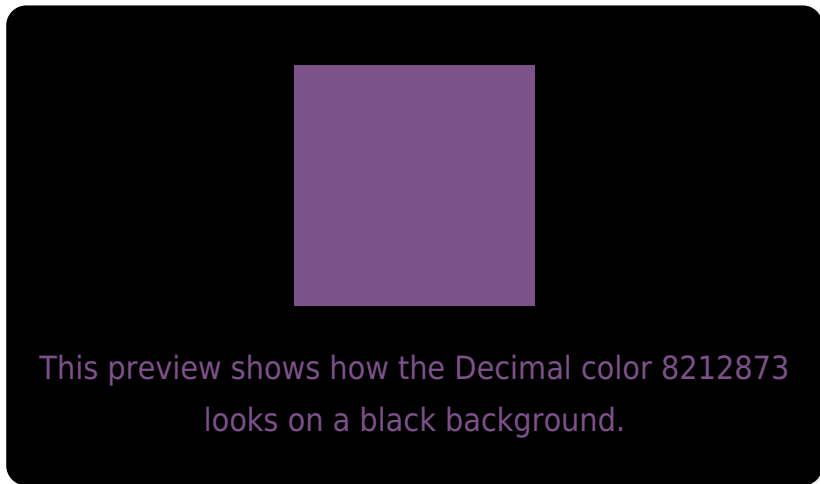
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

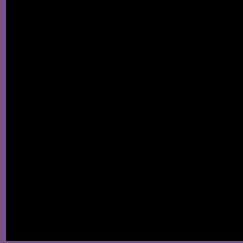
Any Text WCAG AA × Fail

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 8212873 Background



This preview shows how black text looks on a background with the Decimal color 8212873.



This preview shows how white text looks on a background with the Decimal color 8212873.

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
8212873

Protanopia
5202069

Deuteranopia
5660806



Tritanopia
7821921

Trichromacy



Original Color
8212873

Protanomaly
6314897

Deuteranomaly
6577031

Tritanomaly
7952240

Monochromacy



Original Color
8212873

Achromatopsia
6645093

Achromatomaly
7233138

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8212873 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 #7D5189 looks like.

```
.text, #text, p{  
    color:#7D5189  
}
```

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 #7D5189 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D5189
}
```

Border

The CSS property to change the border of an element to Decimal 8212873 is called "border". The border property can be set on classes, ids or directly on the HTML element.

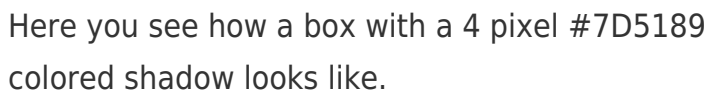
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7D5189 }
```

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

```
.border{ border-color:#7D5189 }
```

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



Here you see how a box with a 4 pixel #7D5189 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D5189; -webkit-box-shadow:4px 4px  
4px 4px #7D5189; box-shadow:4px 4px 4px  
4px #7D5189 }
```

Background

The CSS property to change the background color of an element to Decimal 8212873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D5189 }
```

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

```
.background{ background-color:#7D5189 }
```

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