

Converting Colors

Decimal(8342237)

Have a look what the booklet for
Decimal(8342237) contains.

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Color

Decimal(8342237)

Conversions

Conversions Part 1

Format	Color
Hex	7F4ADD
RGB	127, 74, 221
RGB Percent	50%, 29%, 87%
CMY	0.5020, 0.7098, 0.1333
CMYK	0.43, 0.67, 0.00, 0.13
HSL	262°, 68%, 58%
HSV	262°, 67%, 87%
XYZ	24.2523, 14.6300, 69.9523
YIQ	106.6050, -15.5990, 56.9530

Conversions

Conversions Part 2

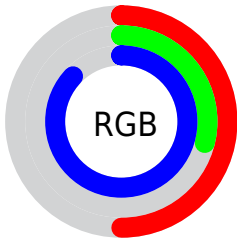
Format	Color
R _Y B	127, 74, 221
Decimal	8342237
CIE Lab	45.12, 53.67, -67.19
CIE LCh	45, 85.994, 308.618
Yxy	14.6300, 0.2228, 0.1344
Android (android.graphics.Color)	4286532317 (0xFF7F4ADD)
YUV	106.6050, 56.3967, 17.8864
Hunter-Lab	38.2492, 46.2436, -81.6583

Details

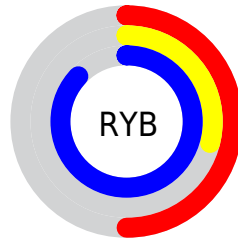
The Decimal color **8342237** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **11066698**, and the grayscale version is **6974058**.

A 20% lighter version of the original color is **12222207**, and **4396453** is the 20% darker color. If you saturate the color by 10%, you get **7419101**, and if you desaturate by 10%, it is **9265373**.

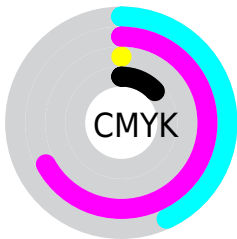
Distribution



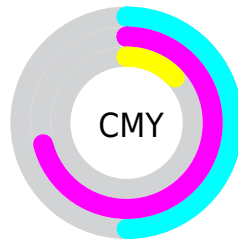
- Red (50%)
- Green (29%)
- Blue (87%)



- Red (50%)
- Yellow (29%)
- Blue (87%)



- Cyan (43%)
- Magenta (67%)
- Yellow (0%)
- Black (13%)



- Cyan (50%)
- Magenta (71%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8342237 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 8342237 by changing the saturation by 10% instead.

■ 8342237

■ 8342237

16777215

■ 6435265

■ 12222207

■ 4396453

■ 14129663

■ 2031754

■ 16102655

■ 111

■ 16765183

■ 86

■ 16772607

■ 1598

■ 807

■ 272

■ 0

■ 8342237

■ 8342237

■ 7419101

■ 9265373

■ 6495965

■ 10188509

■ 5572829

■ 11111645

■ 5243101

■ 12100317

■ 13023709

■ 13946845

■ 14869981

■ 15793117

■ 16711645

Harmonies

Analogous

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



28668



8342237



13369505

Triad

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



8342237



11227904



34687

Complementary

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



8342237



11066698

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.



33841



8342237



7368448

Square

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



8342237



13899792



32000



34756

Rectangle

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



8342237



14680178



32000



34405

Sweetspot

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



8342237



14601471



4893405



7102848



0



8421504

Same Dimension

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



8342237



8205311



13060829



6775662



4128941



1114158

Inverse Universe

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



14502568



16724917



6348106



7234410



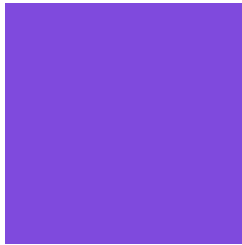
11337839



3014685

Previews

White Background



This preview shows how the Decimal color 8342237 looks on a white background.

Color Contrast Check

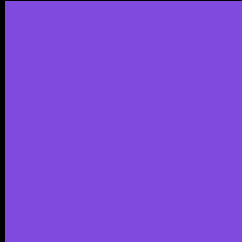
Large Text (above 18pt) WCAG AA ✓ Pass

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 8342237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

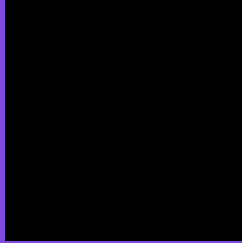
Any Text WCAG AA × Fail

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 8342237 Background



This preview shows how black text looks on a background with the Decimal color 8342237.




This preview shows how white text looks on a background with the Decimal color 8342237.

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
6712179

Trichromacy



Original Color
8342237



Protanomaly
3038427



Deuteranomaly
3039433



Tritanomaly
7298970

Monochromacy



Original Color
8342237



Achromatopsia
7039851



Achromatomaly
7495572

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8342237 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 #7F4ADD looks like.

```
.text, #text, p{  
  color:#7F4ADD  
}
```

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 #7F4ADD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F4ADD
}
```

Border

The CSS property to change the border of an element to Decimal 8342237 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
#7F4ADD }
```

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

```
.border{ border-color:#7F4ADD }
```

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

Here you see how a box with a 4 pixel #7F4ADD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F4ADD; -webkit-box-shadow:4px 4px  
4px 4px #7F4ADD; box-shadow:4px 4px 4px  
4px #7F4ADD }
```

Background

The CSS property to change the background color of an element to Decimal 8342237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F4ADD }
```

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

```
.background{ background-color:#7F4ADD }
```

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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