

Converting Colors

Decimal(8471240)

Have a look what the booklet for
Decimal(8471240) contains.

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Color

Decimal(8471240)

Conversions

Conversions Part 1

Format	Color
Hex	8142C8
RGB	129, 66, 200
RGB Percent	51%, 26%, 78%
CMY	0.4941, 0.7412, 0.2157
CMYK	0.36, 0.67, 0.00, 0.22
HSL	268°, 55%, 52%
HSV	268°, 67%, 78%
XYZ	21.4268, 12.7337, 55.9721
YIQ	100.1130, -5.4660, 55.0300

Conversions

Conversions Part 2

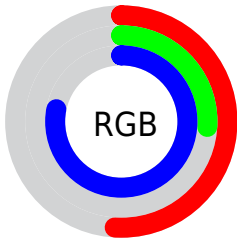
Format	Color
RYB	129, 66, 200
Decimal	8471240
CIELab	42.36, 52.76, -59.59
CIELCh	42, 79.592, 311.517
Yxy	12.7337, 0.2377, 0.1413
Android (android.graphics.Color)	4286661320 (0xFF8142C8)
YUV	100.1130, 49.2443, 25.3339
Hunter-Lab	35.6843, 44.7337, -68.0195

Details

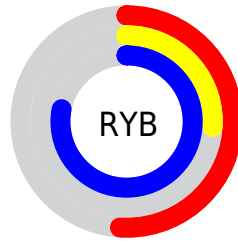
The Decimal color **8471240** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **9029698**, and the grayscale version is **6579300**.

A 20% lighter version of the original color is **12220159**, and **4721041** is the 20% darker color. If you saturate the color by 10%, you get **7745224**, and if you desaturate by 10%, it is **9197256**.

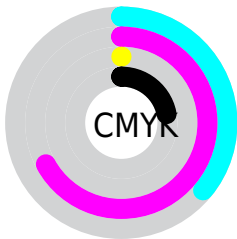
Distribution



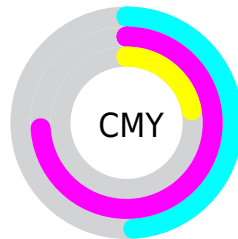
- Red (51%)
- Green (26%)
- Blue (78%)



- Red (51%)
- Yellow (26%)
- Blue (78%)



- Cyan (36%)
- Magenta (67%)
- Yellow (0%)
- Black (22%)



- Cyan (49%)
- Magenta (74%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8471240 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 8471240 by changing the saturation by 10% instead.

■ 8471240

■ 8471240

16777215

■ 6629548

■ 12220159

■ 4721041

■ 14193151

■ 2752631

■ 16100607

■ 196701

■ 16763135

■ 68

■ 16770559

■ 813

■ 279

■ 0

■ 8471240

■ 8471240

■ 7745224

■ 9197256

■ 7084744

■ 9857736

■ 6358728

■ 10583752

■ 6160584

■ 11244232

■ 11970248

■ 12696264

■ 13356744

■ 14082760

■ 14743240

Harmonies

Analogous

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



26087



8471240



12648591

Triad

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



8471240



10178816



32381

Complementary

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



8471240



9029698

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.



31799



8471240



6580480

Square

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



8471240



12723208



30208



32443

Rectangle

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



8471240



13631588



30208



32358

Sweetspot

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



8471240



14994687



4360648



7299456



0



8421504

Same Dimension

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



8471240



9647103



12862152



6183523



5046435



1114148

Inverse Universe

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



13124233



16724895



4638786



6511199



10682454



2359315

Previews

White Background



This preview shows how the Decimal color 8471240 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 8471240 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 8471240 Background



This preview shows how black text looks on a background with the Decimal color 8471240.

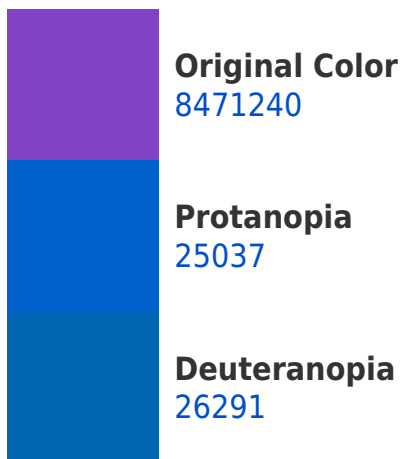



This preview shows how white text looks on a background with the Decimal color 8471240.

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
7233640

Trichromacy



Original Color

8471240



Protanomaly

3102411



Deuteranomaly

3103163



Tritanomaly

7689611

Monochromacy



Original Color

8471240



Achromatopsia

6579300



Achromatomaly

7297160

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8471240 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 #8142C8 looks like.

```
.text, #text, p{  
    color:#8142C8  
}
```

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 #8142C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8142C8  
}
```

Border

The CSS property to change the border of an element to Decimal 8471240 is called "border". The border property can be set on classes, ids or directly on the HTML element.

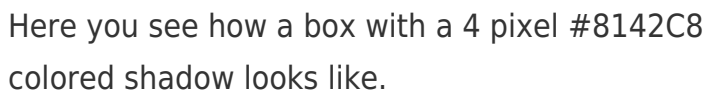
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#8142C8 }
```

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

```
.border{ border-color:#8142C8 }
```

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



Here you see how a box with a 4 pixel #8142C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8142C8; -webkit-box-shadow:4px 4px  
4px 4px #8142C8; box-shadow:4px 4px 4px  
4px #8142C8 }
```

Background

The CSS property to change the background color of an element to Decimal 8471240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8142C8 }
```

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

```
.background{ background-color:#8142C8 }
```

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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