

Converting Colors

Hex(8240DE)

Have a look what the booklet for
Hex(8240DE) contains.

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Color

Hex(8240DE)

Conversions

Conversions Part 1

Format	Color
Hex	8240DE
RGB	130, 64, 222
RGB Percent	51%, 25%, 87%
CMY	0.4902, 0.7490, 0.1294
CMYK	0.41, 0.71, 0.00, 0.13
HSL	265°, 71%, 56%
HSV	265°, 71%, 87%
XYZ	24.2241, 13.6865, 70.4723
YIQ	101.7460, -11.3820, 63.1300

Conversions

Conversions Part 2

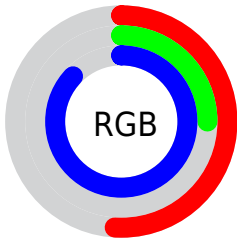
Format	Color
R_{YB}	130, 64, 222
Decimal	8536286
CIE _{Lab}	43.78, 59.34, -69.93
CIE _{LCh}	44, 91.714, 310.315
Yxy	13.6865, 0.2235, 0.1263
Android (android.graphics.Color)	4286726366 (0xFF8240DE)
YUV	101.7460, 59.2852, 24.7788
Hunter-Lab	36.9953, 52.1380, -87.0446

Details

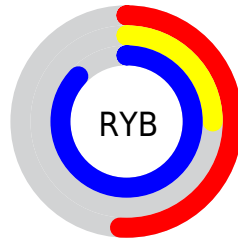
The Hex color **8240DE** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **9CDE40**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **BD75FF**, and **4600A6** is the 20% darker color. If you saturate the color by 10%, you get **752ADE**, and if you desaturate by 10%, it is **8F56DE**.

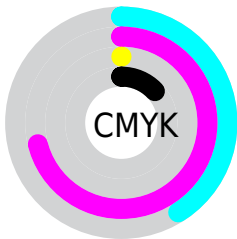
Distribution



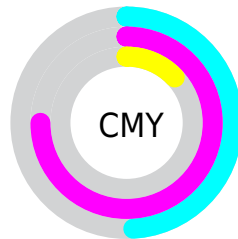
- Red (51%)
- Green (25%)
- Blue (87%)



- Red (51%)
- Yellow (25%)
- Blue (87%)



- Cyan (41%)
- Magenta (71%)
- Yellow (0%)
- Black (13%)



- Cyan (49%)
- Magenta (75%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8240DE 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 Hex color 8240DE by changing the saturation by 10% instead.

8240DE

8240DE

FFFFFF

6425C1

BD75FF

4600A6

DB90FF

22008A

F9ACFF

000070

FFC8FF

000057


FFE4FF

00063E

000327

000111

000000

 8240DE

 8240DE

 752ADE

 8F56DE

 6814DE

 9C6CDE

 5D00DE

 A983DE

 B699DE

 C3AFDE

 D0C5DE

 DCDBDE

 E9F2DE

 F6FFDE

Harmonies

Analogous

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



006BFF



8240DE



D0009D

Triad

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



8240DE



A65000



008481

Complementary

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



8240DE



9CDE40

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.



00822F



8240DE



676D00

Square

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



8240DE



D30000



007B00



0084CA

Rectangle

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



8240DE



E3006A



007B00



008466

Sweetspot

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



8240DE



E0C9FF



409CDE



6D6080



000000



808080

Same Dimension

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



8240DE



8126FF



D140DE



6A6570



4900B0



140030

Inverse Universe

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



DE409C



FF26A4



4DDE40



70656C



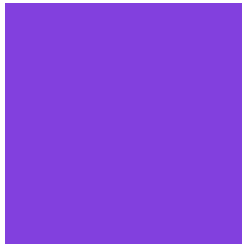
B00066



30001C

Previews

White Background



This preview shows how the Hex color 8240DE looks on a white background.

Color Contrast Check

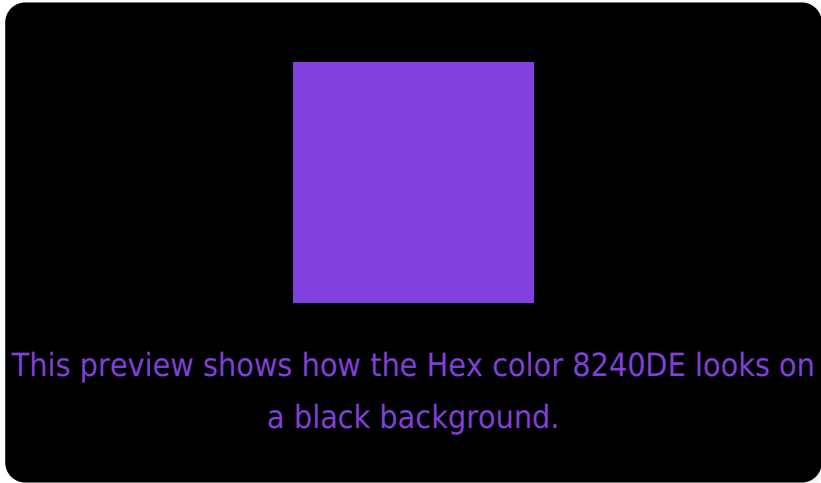
Large Text (above 18pt) WCAG AA ✓ Pass

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

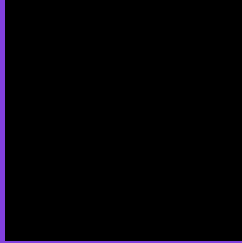
Any Text WCAG AA × Fail

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](#).

Hex 8240DE Background



This preview shows how black text looks on a background with the Hex color 8240DE.

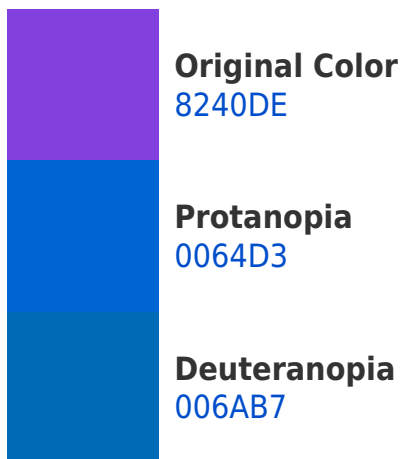



This preview shows how white text looks on a background with the Hex color 8240DE.

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
69666E

Trichromacy



Original Color
8240DE



Protanomaly
2F57D7



Deuteranomaly
2F5BC5



Tritanomaly
725897

Monochromacy



Original Color
8240DE



Achromatopsia
666666



Achromatomaly
705892

CSS Examples

Text

The CSS property to change the color of the text to Hex 8240DE 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 #8240DE looks like.

```
.text, #text, p{  
    color:#8240DE  
}
```

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 #8240DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8240DE
}
```

Border

The CSS property to change the border of an element to Hex 8240DE 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
#8240DE }
```

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

```
.border{ border-color:#8240DE }
```

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

Here you see how a box with a 4 pixel #8240DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8240DE; -webkit-box-shadow:4px 4px  
4px 4px #8240DE; box-shadow:4px 4px 4px  
4px #8240DE }
```

Background

The CSS property to change the background color of an element to Hex 8240DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8240DE }
```

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

```
.background{ background-color:#8240DE }
```

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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