

Converting Colors

Hex(8E4DE5)

Have a look what the booklet for
Hex(8E4DE5) contains.

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Color

Hex(8E4DE5)

Conversions

Conversions Part 1

Format	Color
Hex	8E4DE5
RGB	142, 77, 229
RGB Percent	56%, 30%, 90%
CMY	0.4431, 0.6980, 0.1020
CMYK	0.38, 0.66, 0.00, 0.10
HSL	266°, 75%, 60%
HSV	266°, 66%, 90%
XYZ	27.9521, 16.7157, 75.8820
YIQ	113.7630, -10.0520, 61.0520

Conversions

Conversions Part 2

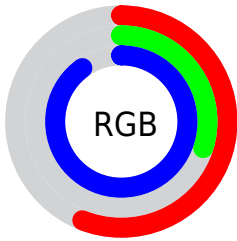
Format	Color
R_{YB}	142, 77, 229
Decimal	9326053
CIE _{Lab}	47.90, 57.07, -67.15
CIE _{LCh}	48, 88.125, 310.363
Yxy	16.7157, 0.2319, 0.1387
Android (android.graphics.Color)	4287516133 (0xFF8E4DE5)
YUV	113.7630, 56.8118, 24.7638
Hunter-Lab	40.8848, 50.4882, -81.4225

Details

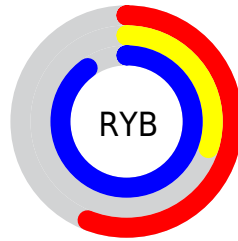
The Hex color **8E4DE5** is a dark color, and the websafe version is hex **9966FF**. The color can be described as middle muted purple. A complement of this color would be **A4E54D**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **C982FF**, and **5316AC** is the 20% darker color. If you saturate the color by 10%, you get **8136E5**, and if you desaturate by 10%, it is **9B64E5**.

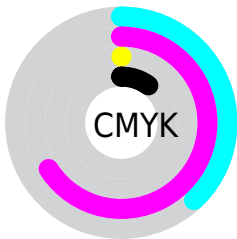
Distribution



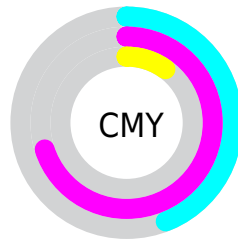
- Red (56%)
- Green (30%)
- Blue (90%)



- Red (56%)
- Yellow (30%)
- Blue (90%)



- Cyan (38%)
- Magenta (66%)
- Yellow (0%)
- Black (10%)



- Cyan (44%)
- Magenta (70%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Hex color 8E4DE5 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 8E4DE5 by changing the saturation by 10% instead.

 8E4DE5

 8E4DE5

FFFFFF

 7133C8

 C982FF

 5316AC

 E79DFF

 340091

 FFB9FF

 040077

 FFD5FF

 00005D

 FFF2FF

 000444

 00032D

 000117

 000000

8E4DE5

8E4DE5

8136E5

9B64E5

741FE5

A87BE5

6708E5

B592E5

6200E5

C2A9E5

D0BFE5

DDD6E5

EAEDE5

F7FFE5

FFFFE5

Harmonies

Analogous

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



0074FF



8E4DE5



D900A5

Triad

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



8E4DE5



B25B00



008F8B

Complementary

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



8E4DE5



A4E54D

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.



008C3B



8E4DE5



747700

Square

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



8E4DE5



DD250E



008600



008FD2

Rectangle

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



8E4DE5



EC0074



008600



008F71

Sweetspot

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



8E4DE5



E2CCFF



4DA6E5



6E6180



000000



808080

Same Dimension

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



8E4DE5



8A33FF



D84DE5



6C6773



4C00B3



160033

Inverse Universe

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



E54DA4



FF33A8



5AE54D



73676E



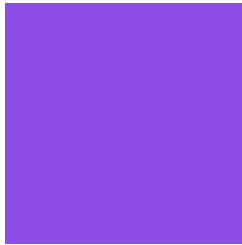
B30066



33001D

Previews

White Background



This preview shows how the Hex color 8E4DE5 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

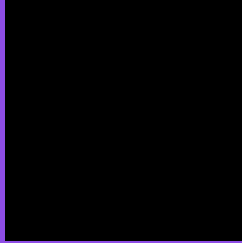
Any Text WCAG AA × Fail

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 8E4DE5 Background



This preview shows how black text looks on a background with the Hex color 8E4DE5.

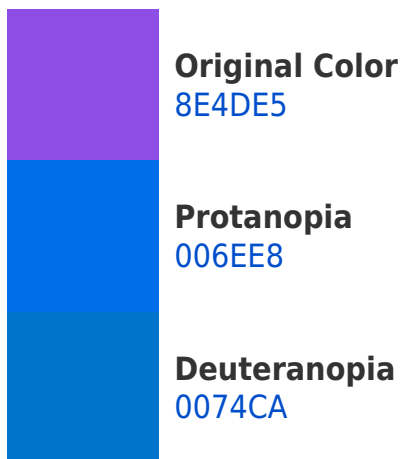



This preview shows how white text looks on a background with the Hex color 8E4DE5.

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



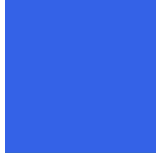


Tritanopia
776F78

Trichromacy



Original Color
8E4DE5



Protanomaly
3462E7



Deuteranomaly
3466D4



Tritanomaly
7F63A0

Monochromacy



Original Color
8E4DE5



Achromatopsia
727272



Achromatomaly
7C659C

CSS Examples

Text

The CSS property to change the color of the text to Hex 8E4DE5 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 #8E4DE5 looks like.

```
.text, #text, p{  
    color:#8E4DE5  
}
```

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 #8E4DE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E4DE5
}
```

Border

The CSS property to change the border of an element to Hex 8E4DE5 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
#8E4DE5 }
```

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

```
.border{ border-color:#8E4DE5 }
```

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

Here you see how a box with a 4 pixel #8E4DE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E4DE5; -webkit-box-shadow:4px 4px  
4px 4px #8E4DE5; box-shadow:4px 4px 4px  
4px #8E4DE5 }
```

Background

The CSS property to change the background color of an element to Hex 8E4DE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E4DE5 }
```

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

```
.background{ background-color:#8E4DE5 }
```

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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