

Converting Colors

Hex(834DE5)

Have a look what the booklet for
Hex(834DE5) contains.

Hex(834DE5)	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

Hex(834DE5)

Conversions

Conversions Part 1

Format	Color
Hex	834DE5
RGB	131, 77, 229
RGB Percent	51%, 30%, 90%
CMY	0.4863, 0.6980, 0.1020
CMYK	0.43, 0.66, 0.00, 0.10
HSL	261°, 75%, 60%
HSV	261°, 66%, 90%
XYZ	26.1568, 15.7902, 75.7979
YIQ	110.4740, -16.6080, 58.7200

Conversions

Conversions Part 2

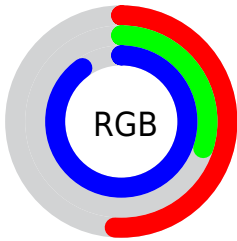
Format	Color
R_{YB}	131, 77, 229
Decimal	8605157
CIE _{Lab}	46.70, 54.98, -69.15
CIE _{LCh}	47, 88.344, 308.484
Yxy	15.7902, 0.2221, 0.1341
Android (android.graphics.Color)	4286795237 (0xFF834DE5)
YUV	110.4740, 58.4333, 18.0013
Hunter-Lab	39.7369, 47.9581, -85.2796

Details

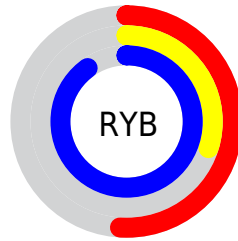
The Hex color **834DE5** is a dark color, and the websafe version is hex **9966FF**. The color can be described as middle muted purple. A complement of this color would be **AFE54D**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **BE81FF**, and **4718AC** is the 20% darker color. If you saturate the color by 10%, you get **7436E5**, and if you desaturate by 10%, it is **9264E5**.

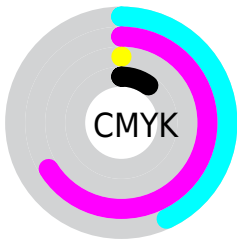
Distribution



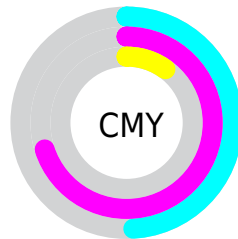
- Red (51%)
- Green (30%)
- Blue (90%)



- Red (51%)
- Yellow (30%)
- Blue (90%)



- Cyan (43%)
- Magenta (66%)
- Yellow (0%)
- Black (10%)



- Cyan (49%)
- Magenta (70%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 834DE5 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 834DE5 by changing the saturation by 10% instead.

 834DE5

 834DE5

FFFFFF

 6533C8

 BE81FF

 4718AC

 DC9CFF

 230091

 FAB8FF

 000076

 FFD4FF

 00005D

 FFF1FF

 000744

 00032D

 000117

 000000

834DE5

834DE5

7436E5

9264E5

651FE5

A17BE5

5708E5

AF92E5

5100E5

BEA9E5

CDBFE5

DCD6E5

EAEDE5

F9FFE5

FFFFE5

Harmonies

Analogous

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



0073FF



834DE5



D200A7

Triad

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



834DE5



B15600



008C83

Complementary

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



834DE5



AFE54D

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.



008933



834DE5



757300

Square

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



834DE5



DB1812



008200



008CCB

Rectangle

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



834DE5



E70076



008200



008B69

Sweetspot

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



834DE5



DECCFF



4DB0E5



6C6180



000000



808080

Same Dimension

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



834DE5



7B33FF



CE4DE5



6B6773



3F00B3



120033

Inverse Universe

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



E54DAF



FF33B7



64E54D



73676F



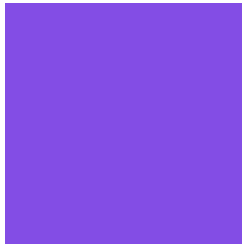
B30073



330021

Previews

White Background



This preview shows how the Hex color 834DE5 looks on a white background.

Color Contrast Check

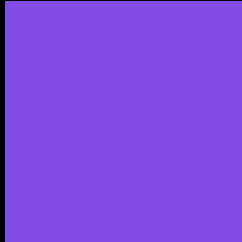
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 834DE5 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](#).

Hex 834DE5 Background



This preview shows how black text looks on a background with the Hex color 834DE5.




This preview shows how white text looks on a background with the Hex color 834DE5.

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](#).

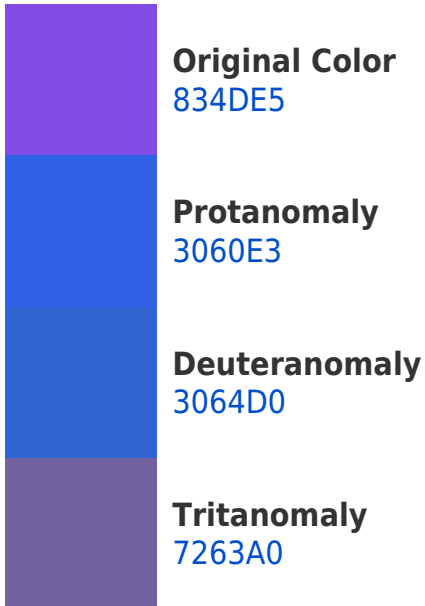
Dichromacy



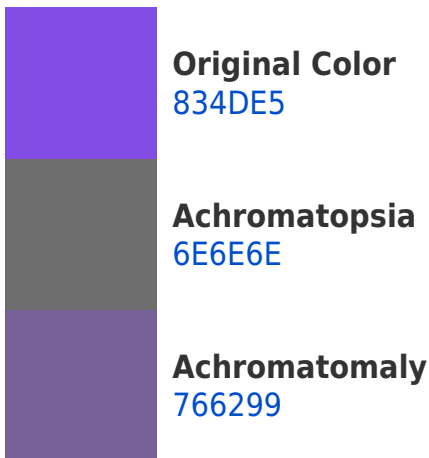


Tritanopia
696F78

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 834DE5 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 #834DE5 looks like.

```
.text, #text, p{  
    color:#834DE5  
}
```

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 #834DE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #834DE5
}
```

Border

The CSS property to change the border of an element to Hex 834DE5 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".

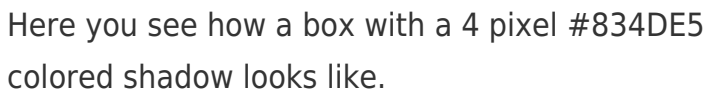
```
.border, #border, table{ border:4px solid
#834DE5 }
```

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

```
.border{ border-color:#834DE5 }
```

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

Here you see how a box with a 4 pixel #834DE5 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #834DE5; -webkit-box-shadow:4px 4px  
4px 4px #834DE5; box-shadow:4px 4px 4px  
4px #834DE5 }
```

Background

The CSS property to change the background color of an element to Hex 834DE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#834DE5 }
```

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

```
.background{ background-color:#834DE5 }
```

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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