

Converting Colors

Hex(8533ED)

Have a look what the booklet for
Hex(8533ED) contains.

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Color

Hex(8533ED)

Conversions

Conversions Part 1

Format	Color
Hex	8533ED
RGB	133, 51, 237
RGB Percent	52%, 20%, 93%
CMY	0.4784, 0.8000, 0.0706
CMYK	0.44, 0.78, 0.00, 0.07
HSL	266°, 84%, 56%
HSV	266°, 78%, 93%
XYZ	26.1428, 13.4686, 81.3426
YIQ	96.7220, -10.8340, 75.2300

Conversions

Conversions Part 2

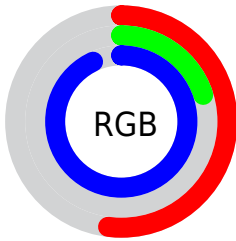
Format	Color
R_{YB}	133, 51, 237
Decimal	8729581
CIE _{Lab}	43.46, 68.87, -78.96
CIE _{LCh}	43, 104.772, 311.097
Yxy	13.4686, 0.2161, 0.1114
Android (android.graphics.Color)	4286919661 (0xFF8533ED)
YUV	96.7220, 69.1571, 31.8158
Hunter-Lab	36.6996, 62.9291, -105.7231

Details

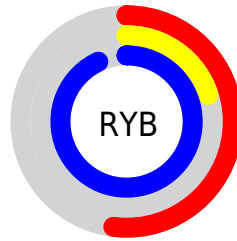
The Hex color **8533ED** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **9BED33**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **C26BFF**, and **4500B4** is the 20% darker color. If you saturate the color by 10%, you get **781BED**, and if you desaturate by 10%, it is **924BED**.

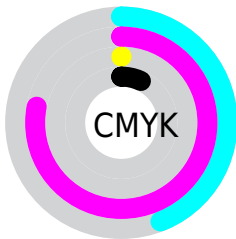
Distribution



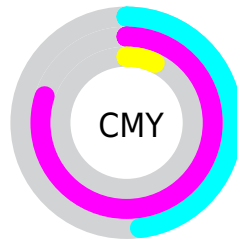
- Red (52%)
- Green (20%)
- Blue (93%)



- Red (52%)
- Yellow (20%)
- Blue (93%)



- Cyan (44%)
- Magenta (78%)
- Yellow (0%)
- Black (7%)



- Cyan (48%)
- Magenta (80%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8533ED 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 8533ED by changing the saturation by 10% instead.

 8533ED

 8533ED

FFFFFF

 6610D0

 C26BFF

 4500B4

 E087FF

 1C0098

 FFA2FF

 00007D

 FFBFFF

 000063

 FFDCFF

 00094A

 FFF9FF

 000432

 00021C

 000000

 8533ED

 8533ED

 781BED

 924BED

 6A04ED

 A062ED

 6800ED

 AD7AED

 BA92ED

 C7A9ED

 D5C1ED

 E2D9ED

 EFF1ED

 FCFFED

Harmonies

Analogous

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



006BFF



8533ED



DE00A1

Triad

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



8533ED



A94C00



008586

Complementary

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



8533ED



9BED33

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.



008327



8533ED



606E00

Square

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



8533ED



DC0000



007D00



0086DA

Rectangle

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



8533ED



F20068



007D00



008568

Sweetspot

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



8533ED



DDC2FF



339CED



6B5B80



000000



808080

Same Dimension

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



8533ED



790FFF



E133ED



6F6A75



5000B5



180036

Inverse Universe

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



ED339B



FF0F95



3FED33



756A70



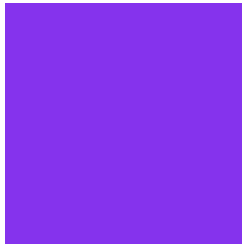
B50065



36001E

Previews

White Background



This preview shows how the Hex color 8533ED 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

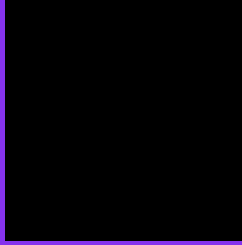
Any Text WCAG AA × Fail

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 8533ED Background



This preview shows how black text looks on a background with the Hex color 8533ED.

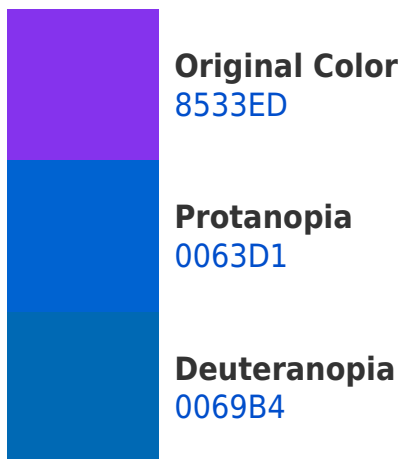



This preview shows how white text looks on a background with the Hex color 8533ED.

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](#).

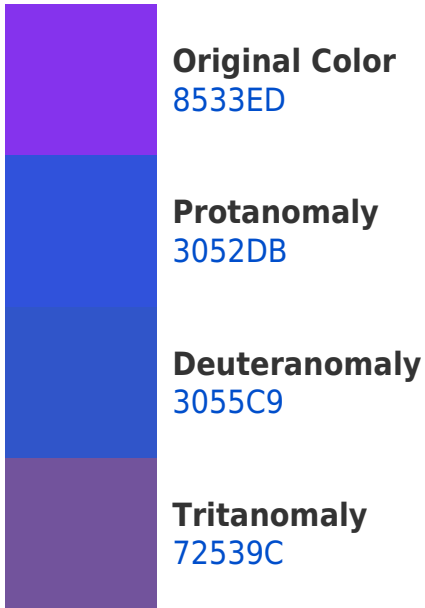
Dichromacy



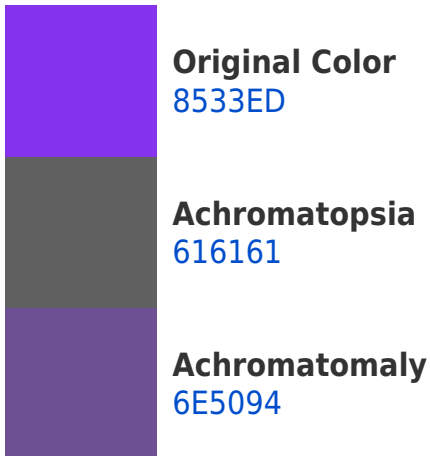


Tritanopia
67666E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8533ED 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 #8533ED looks like.

```
.text, #text, p{  
    color:#8533ED  
}
```

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 #8533ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8533ED
}
```

Border

The CSS property to change the border of an element to Hex 8533ED 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".

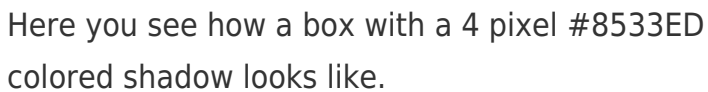
```
.border, #border, table{ border:4px solid
#8533ED }
```

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

```
.border{ border-color:#8533ED }
```

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

Here you see how a box with a 4 pixel #8533ED colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8533ED; -webkit-box-shadow:4px 4px  
4px 4px #8533ED; box-shadow:4px 4px 4px  
4px #8533ED }
```

Background

The CSS property to change the background color of an element to Hex 8533ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8533ED }
```

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

```
.background{ background-color:#8533ED }
```

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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