

Converting Colors

Hex(8536EB)

Have a look what the booklet for
Hex(8536EB) contains.

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Color

Hex(8536EB)

Conversions

Conversions Part 1

Format	Color
Hex	8536EB
RGB	133, 54, 235
RGB Percent	52%, 21%, 92%
CMY	0.4784, 0.7882, 0.0784
CMYK	0.43, 0.77, 0.00, 0.08
HSL	266°, 82%, 57%
HSV	266°, 77%, 92%
XYZ	25.9874, 13.6230, 79.8571
YIQ	98.2550, -11.0170, 73.0390

Conversions

Conversions Part 2

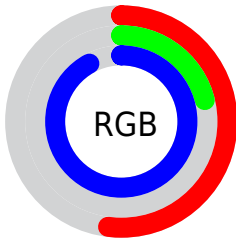
Format	Color
R_{YB}	133, 54, 235
Decimal	8730347
CIE _{Lab}	43.69, 67.25, -77.45
CIE _{LCh}	44, 102.575, 310.966
Yxy	13.6230, 0.2175, 0.1140
Android (android.graphics.Color)	4286920427 (0xFF8536EB)
YUV	98.2550, 67.4153, 30.4714
Hunter-Lab	36.9094, 61.0881, -102.4431

Details

The Hex color **8536EB** 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 **9CEB36**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **C16DFF**, and **4600B2** is the 20% darker color. If you saturate the color by 10%, you get **781FEB**, and if you desaturate by 10%, it is **924EEB**.

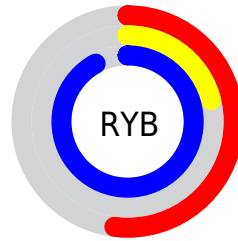
Distribution



Red (52%)

Green (21%)

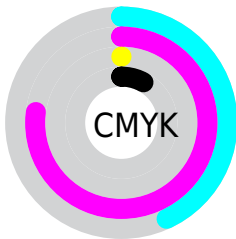
Blue (92%)



Red (52%)

Yellow (21%)

Blue (92%)

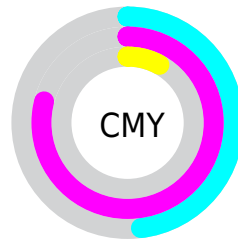


Cyan (43%)

Magenta (77%)

Yellow (0%)

Black (8%)



Cyan (48%)

Magenta (79%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8536EB 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 8536EB by changing the saturation by 10% instead.

 8536EB

 8536EB

FFFFFF

 6615CE

 C16DFF

 4600B2

 E089FF

 1E0096

 FFA5FF

 00007B

 FFC1FF

 000061

 FFDEFF

 000848

 FFFBFF

 000431

 00011B

 000000

8536EB

8536EB

781FEB

924EEB

6B07EB

9F65EB

6700EB

AD7CEB

BA94EB

C7ABEB

D4C3EB

E2DBEB

EFF2EB

FCFFEB

Harmonies

Analogous

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



006BFF



8536EB



DC00A1

Triad

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



8536EB



A94D00



008686

Complementary

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



8536EB



9CEB36

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.



008329



8536EB



626E00

Square

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



8536EB



DB0000



007D00



0087D8

Rectangle

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



8536EB



F00069



007D00



008568

Sweetspot

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



8536EB



DEC4FF



369DEB



6B5C80



000000



808080

Same Dimension

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



8536EB



7B14FF



DF36EB



6F6A75



4F00B5



170036

Inverse Universe

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



EB369C



FF1499



42EB36



756A70



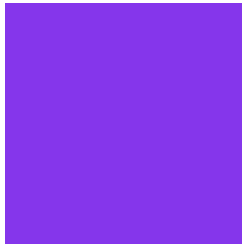
B50066



36001E

Previews

White Background



This preview shows how the Hex color 8536EB looks on a white background.

Color Contrast Check

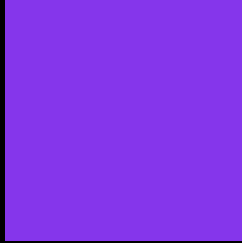
Large Text (above 18pt) WCAG AA ✓ Pass

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 8536EB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

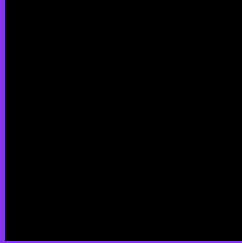
Any Text WCAG AA × Fail

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 8536EB Background



This preview shows how black text looks on a background with the Hex color 8536EB.

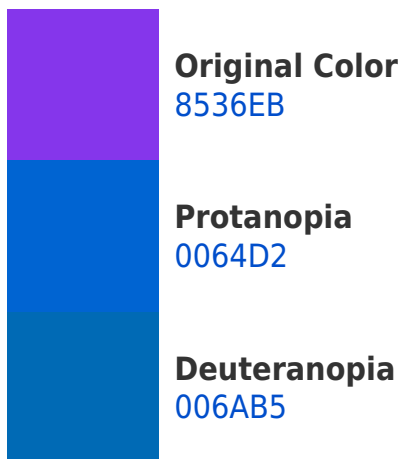



This preview shows how white text looks on a background with the Hex color 8536EB.

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](#).

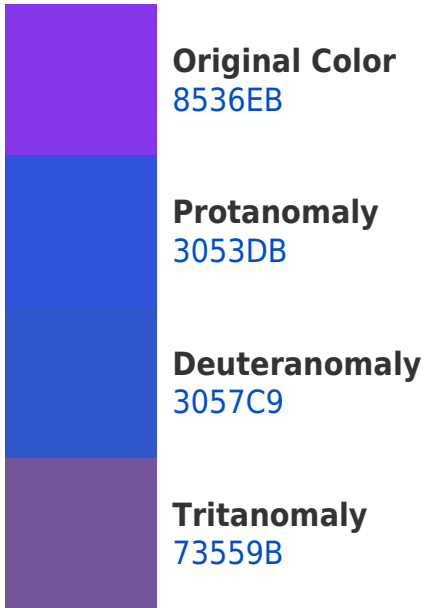
Dichromacy



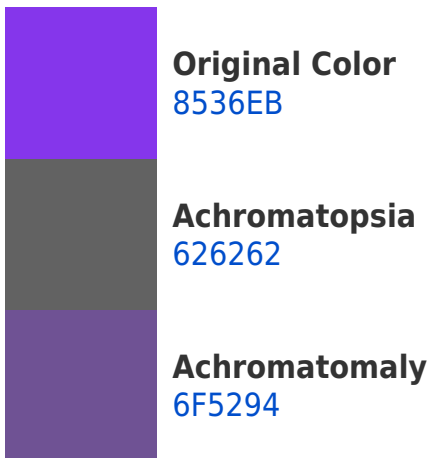


Tritanopia
68666E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8536EB 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 #8536EB looks like.

```
.text, #text, p{  
    color:#8536EB  
}
```

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 #8536EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8536EB
}
```

Border

The CSS property to change the border of an element to Hex 8536EB 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".

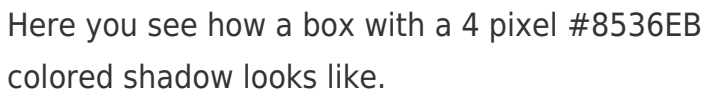
```
.border, #border, table{ border:4px solid
#8536EB }
```

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

```
.border{ border-color:#8536EB }
```

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

Here you see how a box with a 4 pixel #8536EB 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 #8536EB; -webkit-box-shadow:4px 4px  
4px 4px #8536EB; box-shadow:4px 4px 4px  
4px #8536EB }
```

Background

The CSS property to change the background color of an element to Hex 8536EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8536EB }
```

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

```
.background{ background-color:#8536EB }
```

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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