

Converting Colors

Hex(8237FB)

Have a look what the booklet for
Hex(8237FB) contains.

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Color

Hex(8237FB)

Conversions

Conversions Part 1

Format	Color
Hex	8237FB
RGB	130, 55, 251
RGB Percent	51%, 22%, 98%
CMY	0.4902, 0.7843, 0.0157
CMYK	0.48, 0.78, 0.00, 0.02
HSL	263°, 96%, 60%
HSV	263°, 78%, 98%
XYZ	27.9847, 14.4432, 92.5797
YIQ	99.7690, -18.2160, 76.8560

Conversions

Conversions Part 2

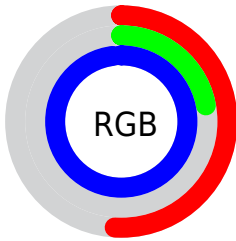
Format	Color
R _Y B	130, 55, 251
Decimal	8534011
CIE Lab	44.86, 70.30, -84.54
CIE LCh	45, 109.947, 309.744
Yxy	14.4432, 0.2073, 0.1070
Android (android.graphics.Color)	4286724091 (0xFF8237FB)
YUV	99.7690, 74.5569, 26.5126
Hunter-Lab	38.0043, 64.9322, -117.8294

Details

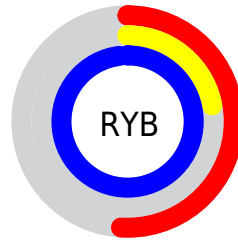
The Hex color **8237FB** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **B0FB37**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **C06FFF**, and **3E00C1** is the 20% darker color. If you saturate the color by 10%, you get **731EFB**, and if you desaturate by 10%, it is **9150FB**.

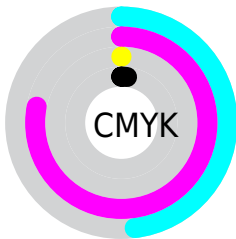
Distribution



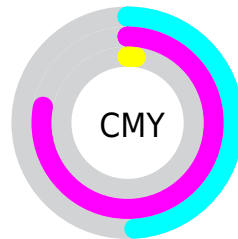
- Red (51%)
- Green (22%)
- Blue (98%)



- Red (51%)
- Yellow (22%)
- Blue (98%)



- Cyan (48%)
- Magenta (78%)
- Yellow (0%)
- Black (2%)



- Cyan (49%)
- Magenta (78%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8237FB 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 8237FB by changing the saturation by 10% instead.

 8237FB

 8237FB

FFFFFF

 6216DE

 C06FFF

 3E00C1

 DF8AFF

 0300A5

 FEA6FF

 00008A

 FFC2FF

 00006F

 FFDFFF

 000855

 FFFDFF

 00063D

 000326

 00010F

8237FB

8237FB

731EFB

9150FB

6305FB

A169FB

6000FB

B082FB

C09BFB

CFB5FB

DFCEFB

EEE7FB

FEFFFB

FFFFFB

Harmonies

Analogous

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



0070FF



8237FB



E500AC

Triad

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



8237FB



B24B00



008A87

Complementary

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



8237FB



B0FB37

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.



008721



8237FB



677100

Square

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



8237FB



E80000



008100



008BE0

Rectangle

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



8237FB



FC0070



008100



008967

Sweetspot

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



8237FB



DBC4FF



37B3FB



695C80



000000



808080

Same Dimension

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



8237FB



6B0FFF



E137FB



75707D



4800BD



17003D

Inverse Universe

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



FB37B0



FF0FA3



51FB37



7D7078



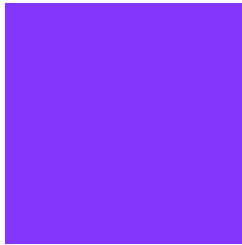
BD0074



3D0026

Previews

White Background



This preview shows how the Hex color 8237FB looks on a white background.

Color Contrast Check

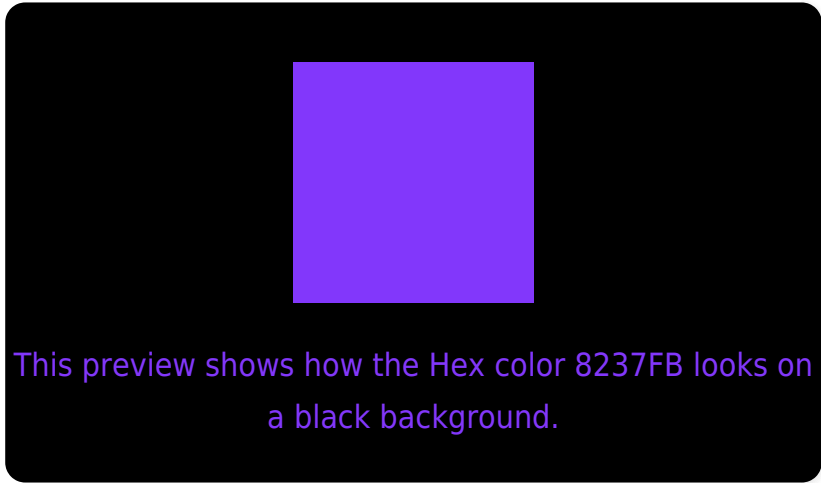
Large Text (above 18pt) WCAG AA ✓ Pass

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

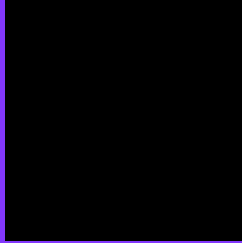
Any Text WCAG AA × Fail

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 8237FB Background



This preview shows how black text looks on a background with the Hex color 8237FB.

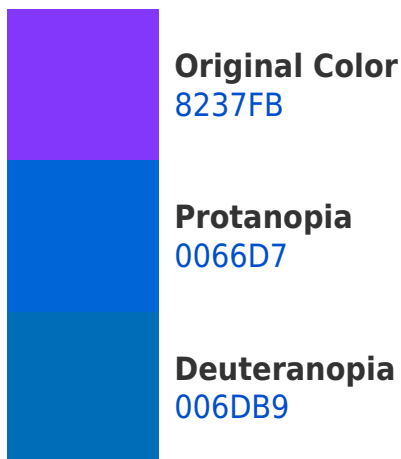


This preview shows how white text looks on a background with the Hex color 8237FB.

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](#).

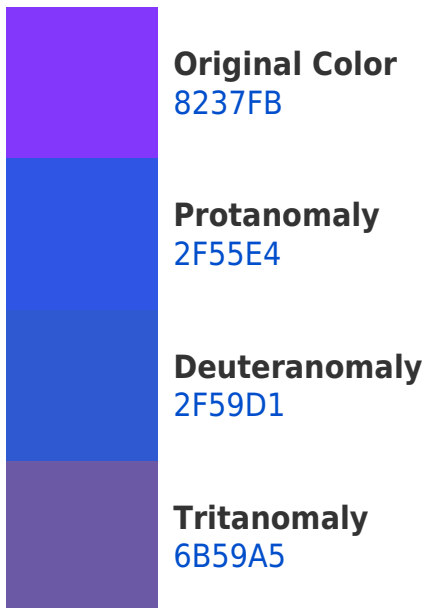
Dichromacy



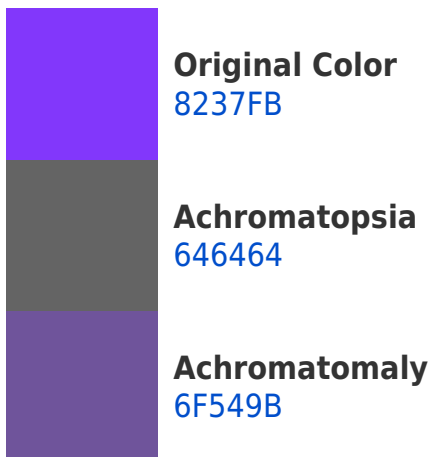


Tritanopia
5E6C74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8237FB 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 #8237FB looks like.

```
.text, #text, p{  
    color:#8237FB  
}
```

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 #8237FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8237FB  
}
```

Border

The CSS property to change the border of an element to Hex 8237FB 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  
#8237FB }
```

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

```
.border{ border-color:#8237FB }
```

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

Here you see how a box with a 4 pixel #8237FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8237FB; -webkit-box-shadow:4px 4px  
4px 4px #8237FB; box-shadow:4px 4px 4px  
4px #8237FB }
```

Background

The CSS property to change the background color of an element to Hex 8237FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8237FB }
```

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

```
.background{ background-color:#8237FB }
```

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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