

Converting Colors

Hex(842FE4)

Have a look what the booklet for
Hex(842FE4) contains.

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Color

Hex(842FE4)

Conversions

Conversions Part 1

Format	Color
Hex	842FE4
RGB	132, 47, 228
RGB Percent	52%, 18%, 89%
CMY	0.4824, 0.8157, 0.1059
CMYK	0.42, 0.79, 0.00, 0.11
HSL	268°, 77%, 54%
HSV	268°, 79%, 89%
XYZ	24.5358, 12.5400, 74.5261
YIQ	93.0490, -7.4410, 74.3110

Conversions

Conversions Part 2

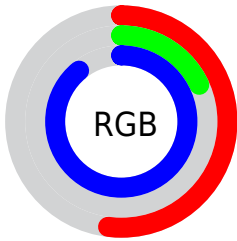
Format	Color
R _Y B	132, 47, 228
Decimal	8663012
CIE Lab	42.06, 68.10, -76.15
CIE LCh	42, 102.158, 311.805
Yxy	12.5400, 0.2199, 0.1124
Android (android.graphics.Color)	4286853092 (0xFF842FE4)
YUV	93.0490, 66.5308, 34.1600
Hunter-Lab	35.4119, 61.7066, -99.9905

Details

The Hex color **842FE4** is a dark color, and the websafe version is hex **6600CC**. The color can be described as middle washed purple. A complement of this color would be **8FE42F**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **C067FF**, and **4600AB** is the 20% darker color. If you saturate the color by 10%, you get **7818E4**, and if you desaturate by 10%, it is **9046E4**.

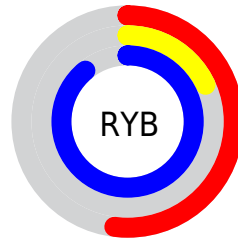
Distribution



Red (52%)

Green (18%)

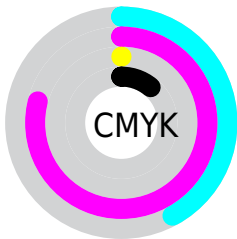
Blue (89%)



Red (52%)

Yellow (18%)

Blue (89%)

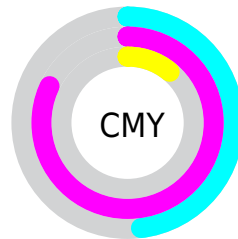


Cyan (42%)

Magenta (79%)

Yellow (0%)

Black (11%)



Cyan (48%)

Magenta (82%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 842FE4 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 842FE4 by changing the saturation by 10% instead.

 842FE4

 842FE4

FFFFFF

 6608C7

 C067FF

 4600AB

 DE83FF

 1F0090

 FD9FFF

 000075

 FFBBFF

 00005B

 FFD8FF

 000743

 FFF5FF

 00032C

 000116

 000000

 842FE4

 842FE4

 7818E4

 9046E4

 6C01E4

 9C5DE4

 6B00E4

 A873E4

 B48AE4

 C0A1E4

 CDB8E4

 D9CFE4

 E5E5E4

 F1FCE4

Harmonies

Analogous

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



0066FF



842FE4



D8009A

Triad

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



842FE4



A24B00



008184

Complementary

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



842FE4



8FE42F

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.



007F28



842FE4



5B6B00

Square

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



842FE4



D50000



007900



0082D4

Rectangle

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



842FE4



EA0063



007900



008067

Sweetspot

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



842FE4



DFC2FF



2F90E4



6C5B80



000000



808080

Same Dimension

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



842FE4



7F0DFF



DE2FE4



6D6773



5400B3



180033

Inverse Universe

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



E42F8F



FF0D8D



35E42F



73676D



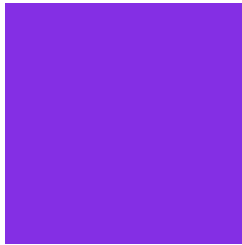
B3005F



33001B

Previews

White Background



This preview shows how the Hex color 842FE4 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

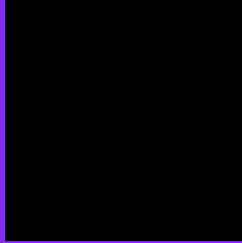
Any Text WCAG AA × Fail

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 842FE4 Background



This preview shows how black text looks on a background with the Hex color 842FE4.

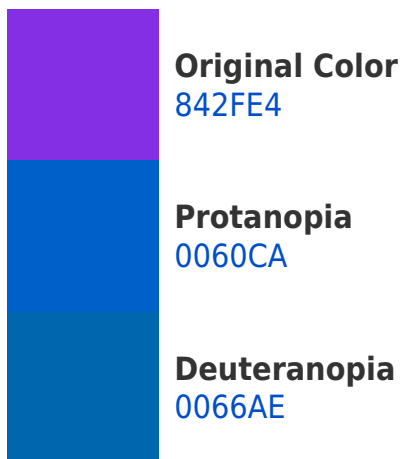


This preview shows how white text looks on a background with the Hex color 842FE4.

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](#).

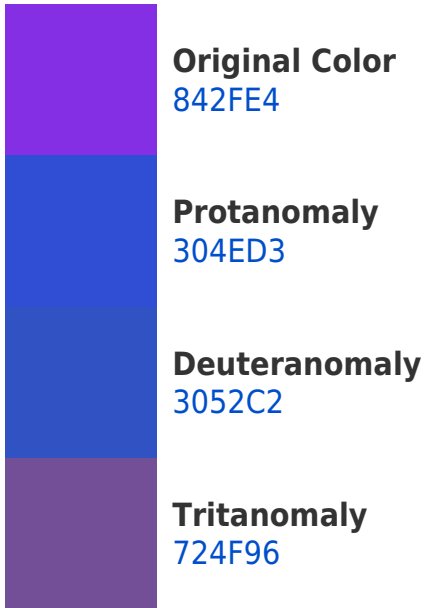
Dichromacy



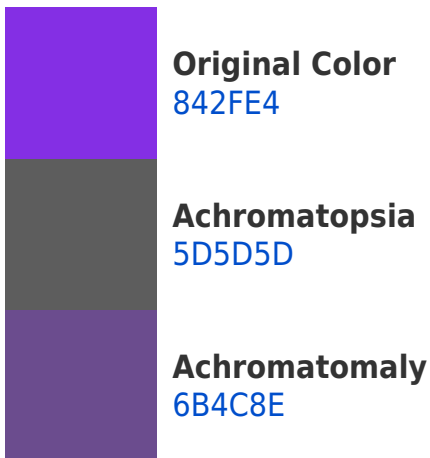


Tritanopia
686169

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 842FE4 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 #842FE4 looks like.

```
.text, #text, p{  
    color:#842FE4  
}
```

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 #842FE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #842FE4
}
```

Border

The CSS property to change the border of an element to Hex 842FE4 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
#842FE4 }
```

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

```
.border{ border-color:#842FE4 }
```

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

Here you see how a box with a 4 pixel #842FE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #842FE4; -webkit-box-shadow:4px 4px  
4px 4px #842FE4; box-shadow:4px 4px 4px  
4px #842FE4 }
```

Background

The CSS property to change the background color of an element to Hex 842FE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#842FE4 }
```

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

```
.background{ background-color:#842FE4 }
```

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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