

Converting Colors

Hex(864AE4)

Have a look what the booklet for
Hex(864AE4) contains.

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Color

Hex(864AE4)

Conversions

Conversions Part 1

Format	Color
Hex	864AE4
RGB	134, 74, 228
RGB Percent	53%, 29%, 89%
CMY	0.4745, 0.7098, 0.1059
CMYK	0.41, 0.68, 0.00, 0.11
HSL	263°, 74%, 59%
HSV	263°, 68%, 89%
XYZ	26.2839, 15.5673, 75.0183
YIQ	109.4960, -13.6740, 60.6140

Conversions

Conversions Part 2

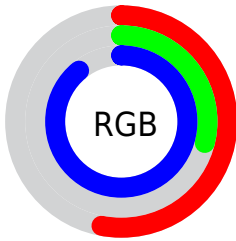
Format	Color
RYB	134, 74, 228
Decimal	8800996
CIELab	46.40, 56.78, -69.06
CIELCh	46, 89.401, 309.428
Yxy	15.5673, 0.2249, 0.1332
Android (android.graphics.Color)	4286991076 (0xFF864AE4)
YUV	109.4960, 58.4225, 21.4900
Hunter-Lab	39.4555, 49.8636, -85.1117

Details

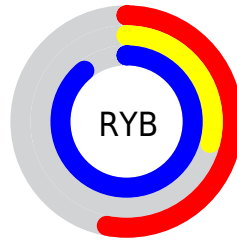
The Hex color **864AE4** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **A8E44A**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **C17FFF**, and **4A13AB** is the 20% darker color. If you saturate the color by 10%, you get **7833E4**, and if you desaturate by 10%, it is **9461E4**.

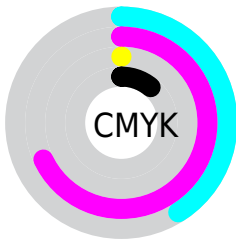
Distribution



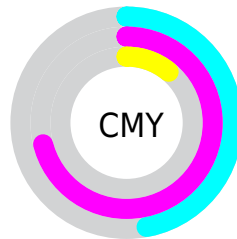
- Red (53%)
- Green (29%)
- Blue (89%)



- Red (53%)
- Yellow (29%)
- Blue (89%)



- Cyan (41%)
- Magenta (68%)
- Yellow (0%)
- Black (11%)



- Cyan (47%)
- Magenta (71%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 864AE4 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 864AE4 by changing the saturation by 10% instead.

 864AE4

 864AE4

FFFFFF

 6930C7

 C17FFF

 4A13AB

 DF9AFF

 280090

 FDB5FF

 000076

 FFD1FF

 00005C

 FFEEFF

 000743

 00032C

 000116

 000000

 864AE4

 864AE4

 7833E4

 9461E4

 6A1CE4

 A278E4

 5C06E4

 B08EE4

 5900E4

 BEA5E4

 CCBCE4

 DAD3E4

 E7EAE4

 F5FFE4

 FFFFE4

Harmonies

Analogous

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



0071FF



864AE4



D400A4

Triad

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



864AE4



AF5600



008B85

Complementary

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



864AE4



A8E44A

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.



008834



864AE4



717300

Square

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



864AE4



DA160B



008200



008BCD

Rectangle

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



864AE4



E80073



008200



008B6A

Sweetspot

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



864AE4



E0CCFF



4AA9E4



6D6180



000000



808080

Same Dimension

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



864AE4



8130FF



D24AE4



6C6773



4600B3



140033

Inverse Universe

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



E44AA8



FF30AF



5CE44A



73676E



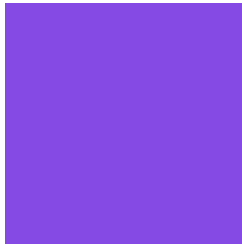
B3006D



33001F

Previews

White Background



This preview shows how the Hex color 864AE4 looks on a white background.

Color Contrast Check

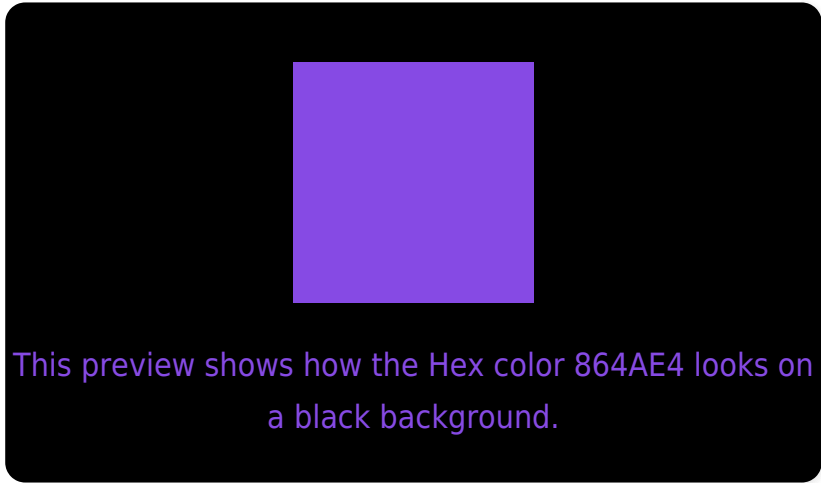
Large Text (above 18pt) WCAG AA ✓ Pass

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

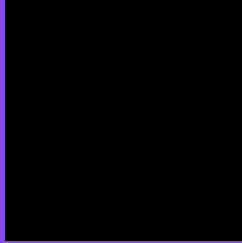
Any Text WCAG AA × Fail

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 864AE4 Background



This preview shows how black text looks on a background with the Hex color 864AE4.

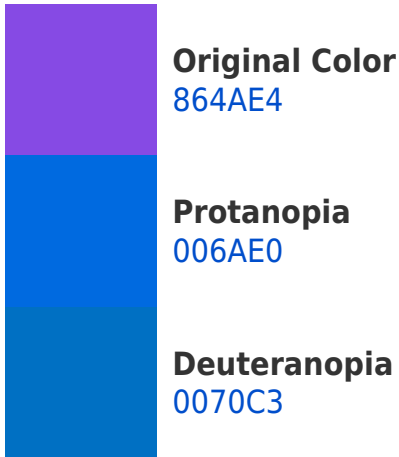


This preview shows how white text looks on a background with the Hex color 864AE4.

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](#).

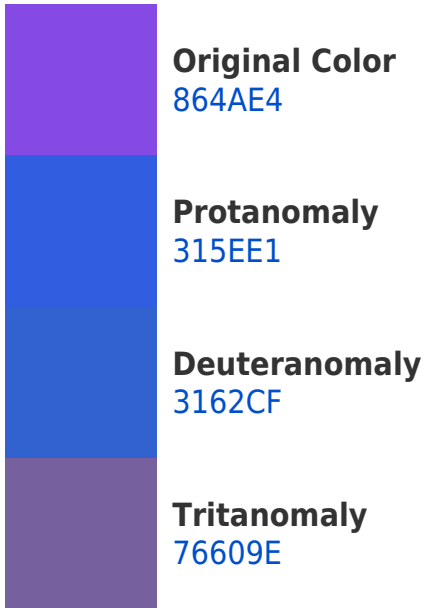
Dichromacy



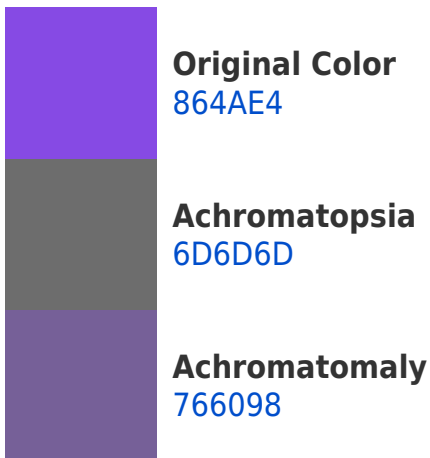


Tritanopia
6D6D76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 864AE4 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 #864AE4 looks like.

```
.text, #text, p{  
    color:#864AE4  
}
```

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 #864AE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #864AE4
}
```

Border

The CSS property to change the border of an element to Hex 864AE4 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".

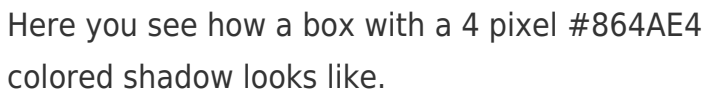
```
.border, #border, table{ border:4px solid
#864AE4 }
```

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

```
.border{ border-color:#864AE4 }
```

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

Here you see how a box with a 4 pixel #864AE4 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and bottom, and a thicker purple shadow on the right and bottom sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #864AE4; -webkit-box-shadow:4px 4px  
4px 4px #864AE4; box-shadow:4px 4px 4px  
4px #864AE4 }
```

Background

The CSS property to change the background color of an element to Hex 864AE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#864AE4 }
```

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

```
.background{ background-color:#864AE4 }
```

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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