

Converting Colors

Hex(830084)

Have a look what the booklet for
Hex(830084) contains.

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Color

Hex(830084)

Conversions

Conversions Part 1

Format	Color
Hex	830084
RGB	131, 0, 132
RGB Percent	51%, 0%, 52%
CMY	0.4863, 1.0000, 0.4824
CMYK	0.01, 1.00, 0.00, 0.48
HSL	300°, 100%, 26%
HSV	300°, 100%, 52%
XYZ	13.5249, 6.4912, 22.3699
YIQ	54.2170, 35.7040, 68.8240

Conversions

Conversions Part 2

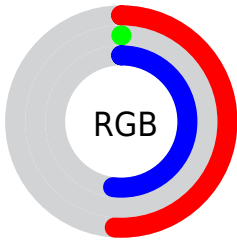
Format	Color
R_{YB}	131, 0, 132
Decimal	8585348
CIE _{Lab}	30.62, 60.09, -37.64
CIE _{LCh}	31, 70.904, 327.941
Yxy	6.4912, 0.3191, 0.1531
Android (android.graphics.Color)	4286775428 (0xFF830084)
YUV	54.2170, 38.3470, 67.3387
Hunter-Lab	25.4779, 50.1703, -34.2227

Details

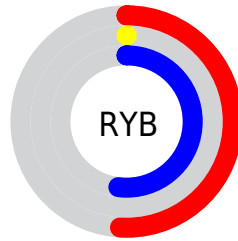
The Hex color **830084** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **018400**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **BB49BA**, and **4D0052** is the 20% darker color. If you saturate the color by 10%, you get **830084**, and if you desaturate by 10%, it is **830D84**.

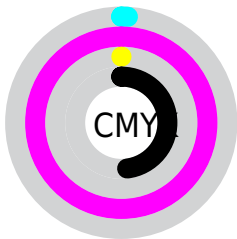
Distribution



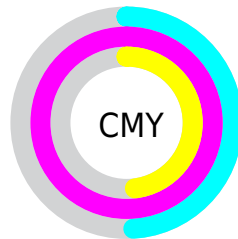
- Red (51%)
- Green (0%)
- Blue (52%)



- Red (51%)
- Yellow (0%)
- Blue (52%)



- Cyan (1%)
- Magenta (100%)
- Yellow (0%)
- Black (48%)



- Cyan (49%)
- Magenta (100%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 830084 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 830084 by changing the saturation by 10% instead.

 830084

 830084

FFFFFF

 68006A

 BB49BA

 4D0052

 D965D6

 35003A

 F681F2

 150024

 FF9CFF

 00000A

 FFB9FF

 000000

 FFD6FF

 FFF3FF

 830084

 830D84

 831A84

 832884

 833584

 844284

 844F84

 845C84

 846A84

 847784

Harmonies

Analogous

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



253BAC



830084



A1004F

Triad

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



830084



5C4500



005D7B

Complementary

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



830084



018400

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.



005C43



830084



235300

Square

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



830084



852900



005A00



005BA7

Rectangle

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



830084



A2002B



005A00



005D69

Sweetspot

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



830084



AA78AB



000284



563757



D6D6D6



575757

Same Dimension

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



830084



AA00AB



840044



423C42



810082



030003

Inverse Universe

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



840001



AB0001



008440



423C3C



820001



030000

Previews

White Background



This preview shows how the Hex color 830084 looks on a white background.

Color Contrast Check

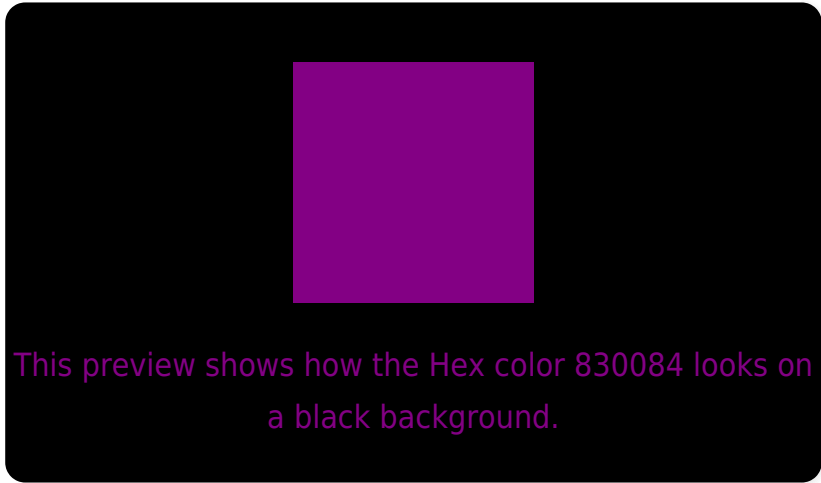
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

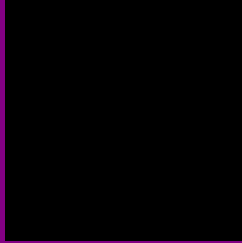
Any Text WCAG AA × Fail

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 830084 Background



This preview shows how black text looks on a background with the Hex color 830084.



This preview shows how white text looks on a background with the Hex color 830084.

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
7B3437

Trichromacy



Original Color
830084



Protanomaly
302E92



Deuteranomaly
4C307F



Tritanomaly
7E2153

Monochromacy



Original Color
830084



Achromatopsia
363636



Achromatomaly
522252

CSS Examples

Text

The CSS property to change the color of the text to Hex 830084 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 #830084 looks like.

```
.text, #text, p{  
    color:#830084  
}
```

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 #830084 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #830084
}
```

Border

The CSS property to change the border of an element to Hex 830084 is called "border". The border property can be set on classes, ids or directly on the HTML element.

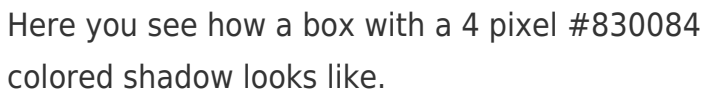
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#830084 }
```

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

```
.border{ border-color:#830084 }
```

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



Here you see how a box with a 4 pixel #830084 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #830084; -webkit-box-shadow:4px 4px  
4px 4px #830084; box-shadow:4px 4px 4px  
4px #830084 }
```

Background

The CSS property to change the background color of an element to Hex 830084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#830084 }
```

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

```
.background{ background-color:#830084 }
```

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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