

Converting Colors

Hex(834683)

Have a look what the booklet for
Hex(834683) contains.

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Color

Hex(834683)

Conversions

Conversions Part 1

Format	Color
Hex	834683
RGB	131, 70, 131
RGB Percent	51%, 27%, 51%
CMY	0.4863, 0.7255, 0.4863
CMYK	0.00, 0.47, 0.00, 0.49
HSL	300°, 30%, 39%
HSV	300°, 47%, 51%
XYZ	15.6470, 10.8443, 22.7412
YIQ	95.1930, 16.7750, 31.9030

Conversions

Conversions Part 2

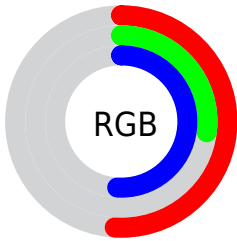
Format	Color
RYB	131, 70, 131
Decimal	8603267
CIELab	39.32, 35.60, -23.29
CIELCh	39, 42.538, 326.806
Yxy	10.8443, 0.3178, 0.2203
Android (android.graphics.Color)	4286793347 (0xFF834683)
YUV	95.1930, 17.6529, 31.4027
Hunter-Lab	32.9307, 27.1853, -17.8929

Details

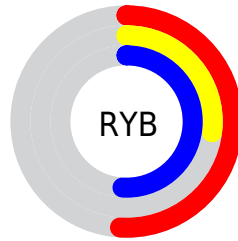
The Hex color **834683** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **468346**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **B978B8**, and **501551** is the 20% darker color. If you saturate the color by 10%, you get **833983**, and if you desaturate by 10%, it is **835383**.

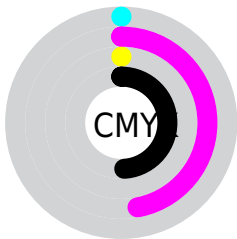
Distribution



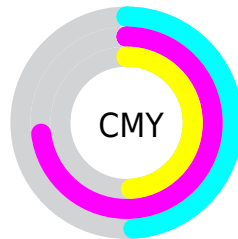
- Red (51%)
- Green (27%)
- Blue (51%)



- Red (51%)
- Yellow (27%)
- Blue (51%)



- Cyan (0%)
- Magenta (47%)
- Yellow (0%)
- Black (49%)



- Cyan (49%)
- Magenta (73%)
- Yellow (49%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 834683 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 834683 by changing the saturation by 10% instead.

 834683

 834683

FFFFFF

 692E6A

 B978B8

 501551

 D693D4

 37003A

 F2AEF0

 240025

 FFCAFF

 00000C

 FFE6FF

 000000

 834683

 834683

 833983

 835383

 832C83

 836083

831F83

836D83

831283

837A83

830583

838883

830083

839583

83A283

83AF83

83BC83

Harmonies

Analogous

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



56559B



834683



983C62

Triad

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



834683



725A10



006D7B

Complementary

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



834683



468346

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.



006D58



834683



506419

Square

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



834683



8C4C22



1F6A35



006A96

Rectangle

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



834683



9C3D4B



1F6A35



006D70

Sweetspot

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



834683



AB93AB



464683



574857



D6D6D6



575757

Same Dimension

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



834683



AB4BAB



834665



423C42



820082



030003

Inverse Universe

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



834683



AB4BAB



468365



423C42



820082



030003

Previews

White Background



This preview shows how the Hex color 834683 looks on a white background.

Color Contrast Check

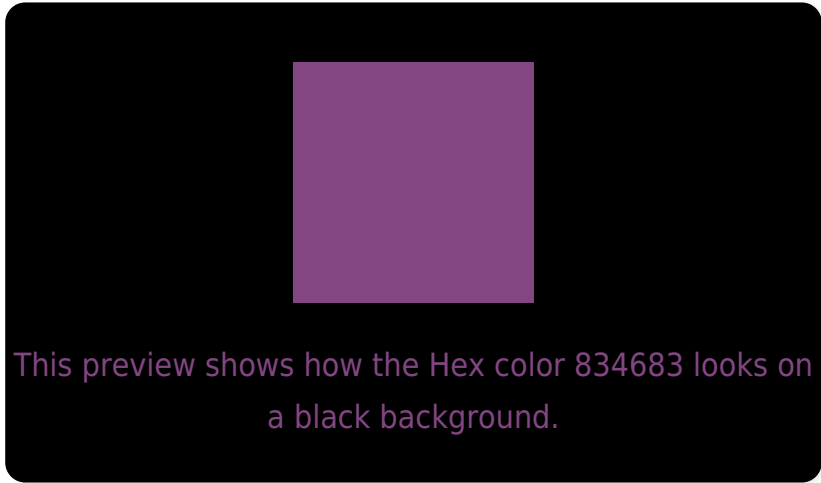
Large Text (above 18pt) WCAG AA ✓ Pass

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

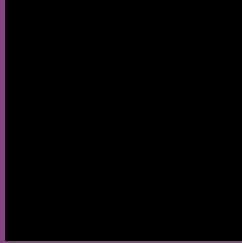
Any Text WCAG AA × Fail

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 834683 Background



This preview shows how black text looks on a background with the Hex color 834683.



This preview shows how white text looks on a background with the Hex color 834683.

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
7D5056

Trichromacy



Original Color
834683



Protanomaly
5D538E



Deuteranomaly
645480



Tritanomaly
7F4C66

Monochromacy



Original Color
834683



Achromatopsia
5F5F5F



Achromatomaly
6C566C

CSS Examples

Text

The CSS property to change the color of the text to Hex 834683 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 #834683 looks like.

```
.text, #text, p{  
    color:#834683  
}
```

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 #834683 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #834683
}
```

Border

The CSS property to change the border of an element to Hex 834683 is called "border". The border property can be set on classes, ids or directly on the HTML element.

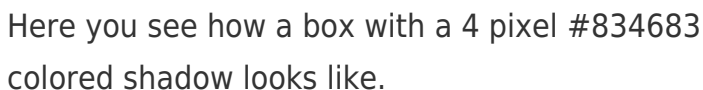
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#834683 }
```

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

```
.border{ border-color:#834683 }
```

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



Here you see how a box with a 4 pixel #834683 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #834683; -webkit-box-shadow:4px 4px  
4px 4px #834683; box-shadow:4px 4px 4px  
4px #834683 }
```

Background

The CSS property to change the background color of an element to Hex 834683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#834683 }
```

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

```
.background{ background-color:#834683 }
```

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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