

# Converting Colors

Hex(834164)

Have a look what the booklet for  
Hex(834164) contains.

<b>Hex(834164)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(834164)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	834164
RGB	131, 65, 100
RGB Percent	51%, 25%, 39%
CMY	0.4863, 0.7451, 0.6078
CMYK	0.00, 0.50, 0.24, 0.49
HSL	328°, 34%, 38%
HSV	328°, 50%, 51%
XYZ	13.5506, 9.5260, 13.1811
YIQ	88.7240, 28.1010, 24.8770

# Conversions

## Conversions Part 2

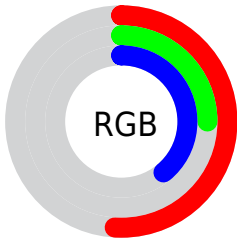
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 65, 100
Decimal	8601956
CIE <sub>Lab</sub>	36.98, 32.85, -7.60
CIE <sub>LCh</sub>	37, 33.716, 346.980
Yxy	9.5260, 0.3737, 0.2627
Android (android.graphics.Color)	4286792036 (0xFF834164)
YUV	88.7240, 5.5591, 37.0761
Hunter-Lab	30.8642, 24.3563, -3.7159

# Details

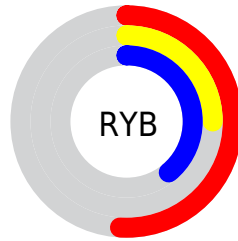
The Hex color **834164** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **418360**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **BA7397**, and **4F1035** is the 20% darker color. If you saturate the color by 10%, you get **83345E**, and if you desaturate by 10%, it is **834E6A**.

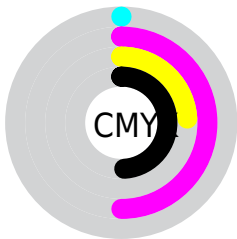
# Distribution



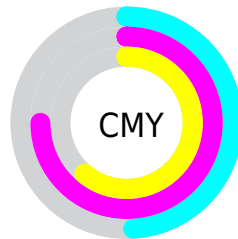
- Red (51%)
- Green (25%)
- Blue (39%)



- Red (51%)
- Yellow (25%)
- Blue (39%)



- Cyan (0%)
- Magenta (50%)
- Yellow (24%)
- Black (49%)



- Cyan (49%)
- Magenta (75%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 834164 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 834164 by changing the saturation by 10% instead.



 834164

 834164

FFFFFF

 69294C

 BA7397

 4F1035

 D68DB2

 360020

 F3A8CD

 210007

 FFC4E9

 000000

 FFE0FF

 FFFDFF

 834164

 834164

 83345E

 834E6A

832758

835B70

831A52

836876

830D4B

83757D

830045

838383

839089

839D8F

83AA95

83B79B

# Harmonies

## Analogous

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



6C4A7C



834164



8A4049

# Triad

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



834164



585A20



00637E

# Complementary

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



834164



418360

# 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.



006566



834164



386030

# Square

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



834164



715121



00644A



005D8C

# Rectangle

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



834164



864438



00644A



006477



# Sweetspot

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



834164



AB919F



604183



57474F



D6D6D6



575757



# Same Dimension

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



834164



AB447B



834143



423C3F



820045



030001



# Inverse Universe

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



834164



AB447B



418381



423C3F



820045

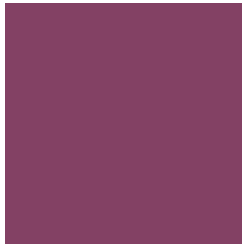


030001



# Previews

## White Background



This preview shows how the Hex color 834164 looks on a white background.

## Color Contrast Check

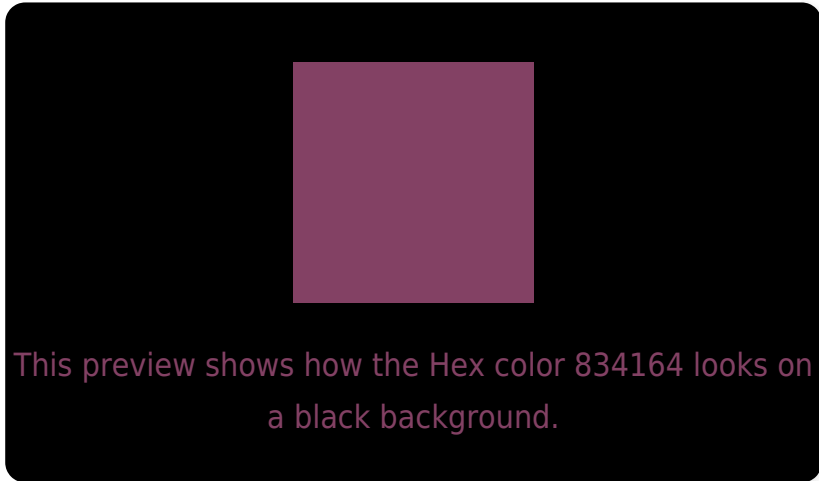
Large Text (above 18pt) WCAG AA ✓ Pass

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

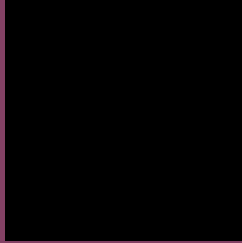
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 834164 Background



This preview shows how black text looks on a background with the Hex color 834164.



This preview shows how white text looks on a background with the Hex color 834164.

# 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**  
81464B

# Trichromacy



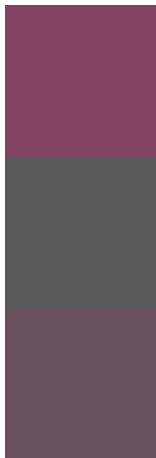
**Original Color**  
834164

**Protanomaly**  
634F6E

**Deuteranomaly**  
6A4E62

**Tritanomaly**  
824454

# Monochromacy



**Original Color**  
834164

**Achromatopsia**  
595959

**Achromatomaly**  
68505D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 834164 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 #834164 looks like.

```
.text, #text, p{  
    color:#834164  
}
```

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 #834164 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #834164
}
```

## Border

The CSS property to change the border of an element to Hex 834164 is called "border". The border property can be set on classes, ids or directly on the HTML element.

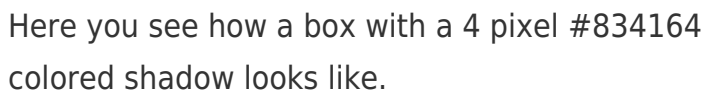
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#834164 }
```

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

```
.border{ border-color:#834164 }
```

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



Here you see how a box with a 4 pixel #834164 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #834164; -webkit-box-shadow:4px 4px  
4px 4px #834164; box-shadow:4px 4px 4px  
4px #834164 }
```

# Background

The CSS property to change the background color of an element to Hex 834164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#834164 }
```

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

```
.background{ background-color:#834164 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor