

Converting Colors

Hex(802434)

Have a look what the booklet for
Hex(802434) contains.

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Color

Hex(802434)

Conversions

Conversions Part 1

Format	Color
Hex	802434
RGB	128, 36, 52
RGB Percent	50%, 14%, 20%
CMY	0.4980, 0.8588, 0.7961
CMYK	0.00, 0.72, 0.59, 0.50
HSL	350°, 56%, 32%
HSV	350°, 72%, 50%
XYZ	10.1528, 6.0989, 3.8909
YIQ	65.3320, 49.6960, 24.4800

Conversions

Conversions Part 2

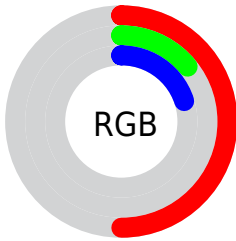
Format	Color
R_{YB}	128, 36, 52
Decimal	8397876
CIE _{Lab}	29.66, 40.43, 12.85
CIE _{LCh}	30, 42.419, 17.633
Yxy	6.0989, 0.5040, 0.3028
Android (android.graphics.Color)	4286587956 (0xFF802434)
YUV	65.3320, -6.5727, 54.9598
Hunter-Lab	24.6959, 30.1657, 7.9459

Details

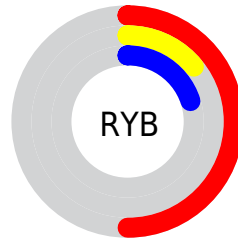
The Hex color **802434** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **248070**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **B95862**, and **490007** is the 20% darker color. If you saturate the color by 10%, you get **801729**, and if you desaturate by 10%, it is **80313F**.

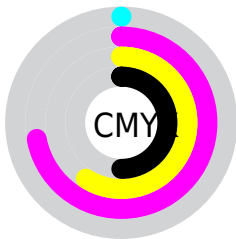
Distribution



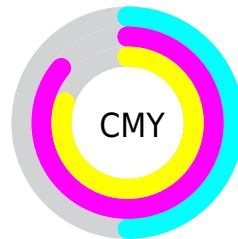
- Red (50%)
- Green (14%)
- Blue (20%)



- Red (50%)
- Yellow (14%)
- Blue (20%)



- Cyan (0%)
- Magenta (72%)
- Yellow (59%)
- Black (50%)



- Cyan (50%)
- Magenta (86%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 802434 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 802434 by changing the saturation by 10% instead.

 802434

 802434

FFFFFF

 64041F

 B95862

 490007

 D7727B

 310002

 F48C95

 000000

 FFA7AF

 FFC3CB

 FFE0E7

 FFFDFF

 802434

 802434

■ 801729

■ 80313F

■ 800A1F

■ 803E49

■ 800016

■ 804A54

■ 80575E

■ 806469

■ 807173

■ 807E7E

■ 808A89

■ 809793

Harmonies

Analogous

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



7A2555



802434



763115

Triad

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



802434



185115



004E86

Complementary

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



802434



248070

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.



005376



802434



005437

Square

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



802434



434A00



005559



254385

Rectangle

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



802434



693B01



005559



005083

Sweetspot

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



802434



A68188



6F2480



543E42



D4D4D4



545454

Same Dimension

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



802434



A61730



804124



40393A



800016



000000

Inverse Universe

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



802434



A61730



246380



40393A



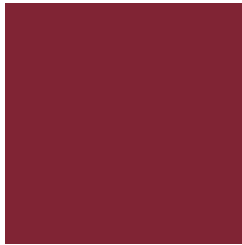
800016



000000

Previews

White Background



This preview shows how the Hex color 802434 looks on a white background.

Color Contrast Check

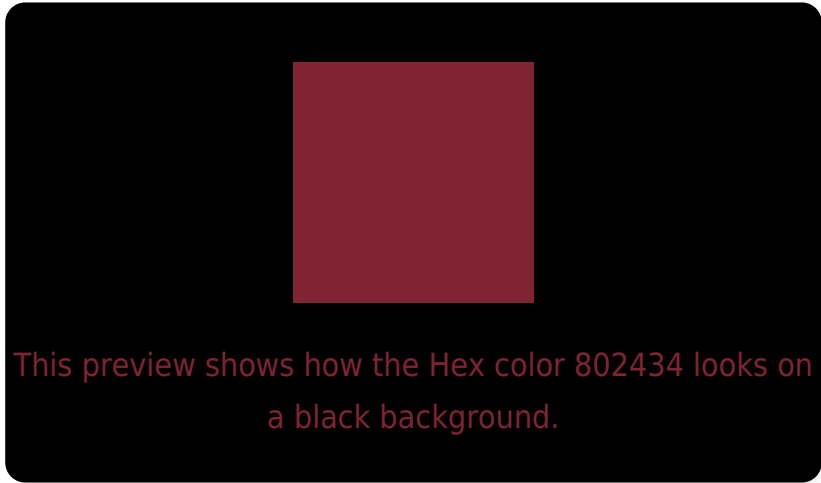
Large Text (above 18pt) WCAG AA ✓ Pass

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 802434 Background



This preview shows how black text looks on a background with the Hex color 802434.



This preview shows how white text looks on a background with the Hex color 802434.

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



Original Color
802434

Protanopia
494744

Deuteranopia
55442F



Tritanopia
7F2628

Trichromacy



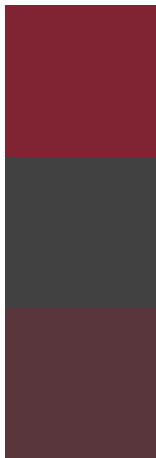
Original Color
802434

Protanomaly
5D3A3E

Deuteranomaly
653831

Tritanomaly
7F252C

Monochromacy



Original Color
802434

Achromatopsia
414141

Achromatomaly
58363C

CSS Examples

Text

The CSS property to change the color of the text to Hex 802434 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 #802434 looks like.

```
.text, #text, p{  
    color:#802434  
}
```

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 #802434 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #802434
}
```

Border

The CSS property to change the border of an element to Hex 802434 is called "border". The border property can be set on classes, ids or directly on the HTML element.

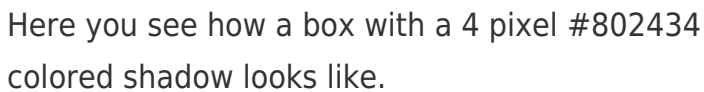
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#802434 }
```

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

```
.border{ border-color:#802434 }
```

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



Here you see how a box with a 4 pixel #802434 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #802434; -webkit-box-shadow:4px 4px  
4px 4px #802434; box-shadow:4px 4px 4px  
4px #802434 }
```

Background

The CSS property to change the background color of an element to Hex 802434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#802434 }
```

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

```
.background{ background-color:#802434 }
```

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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