

Converting Colors

Hex(804242)

Have a look what the booklet for
Hex(804242) contains.

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Color

Hex(804242)

Conversions

Conversions Part 1

Format	Color
Hex	804242
RGB	128, 66, 66
RGB Percent	50%, 26%, 26%
CMY	0.4980, 0.7412, 0.7412
CMYK	0.00, 0.48, 0.48, 0.50
HSL	0°, 32%, 38%
HSV	0°, 48%, 50%
XYZ	11.8337, 8.8790, 6.2444
YIQ	84.5380, 36.9520, 13.1440

Conversions

Conversions Part 2

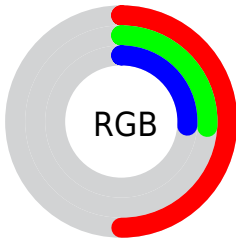
Format	Color
R_{YB}	128, 66, 66
Decimal	8405570
CIE Lab	35.75, 26.61, 12.10
CIE LCh	36, 29.228, 24.450
Yxy	8.8790, 0.4390, 0.3294
Android (android.graphics.Color)	4286595650 (0xFF804242)
YUV	84.5380, -9.1392, 38.1162
Hunter-Lab	29.7976, 18.7428, 8.4335

Details

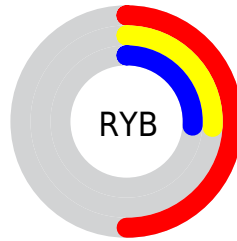
The Hex color **804242** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **428080**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **B77372**, and **4B1317** is the 20% darker color. If you saturate the color by 10%, you get **803535**, and if you desaturate by 10%, it is **804F4F**.

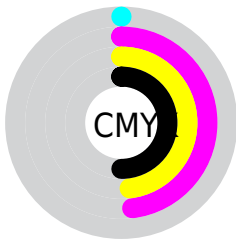
Distribution



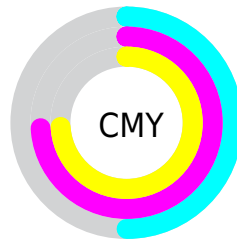
- Red (50%)
- Green (26%)
- Blue (26%)



- Red (50%)
- Yellow (26%)
- Blue (26%)



- Cyan (0%)
- Magenta (48%)
- Yellow (48%)
- Black (50%)



- Cyan (50%)
- Magenta (74%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 804242 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 804242 by changing the saturation by 10% instead.

 804242

 804242

FFFFFF

 652B2C

 B77372

 4B1317

 D48D8B

 330000

 F1A8A6

 130000

 FFC4C1

 000000

 FFE0DD

 FFFCF9

 804242

 804242

 803535

 804F4F

 802828

 805C5C

 801C1C

 806868

 800F0F

 807575

 800202

 808282

 800000

 808F8F

 809C9C

 80A8A8

 80B5B5

Harmonies

Analogous

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



7D4159



804242



77492F

Triad

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



804242



335D38



205882

Complementary

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



804242



428080

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.



005D7A



804242



00604F

Square

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



804242



4F5928



006067



4F507F

Rectangle

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



804242



6C4E27



006067



005A81

Sweetspot

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



804242



A68D8D



804280



544545



D4D4D4



545454

Same Dimension

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



804242



A64646



806142



403939



800000



000000

Inverse Universe

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



428080



46A6A6



426180



394040



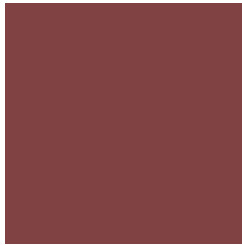
008080



000000

Previews

White Background



This preview shows how the Hex color 804242 looks on a white background.

Color Contrast Check

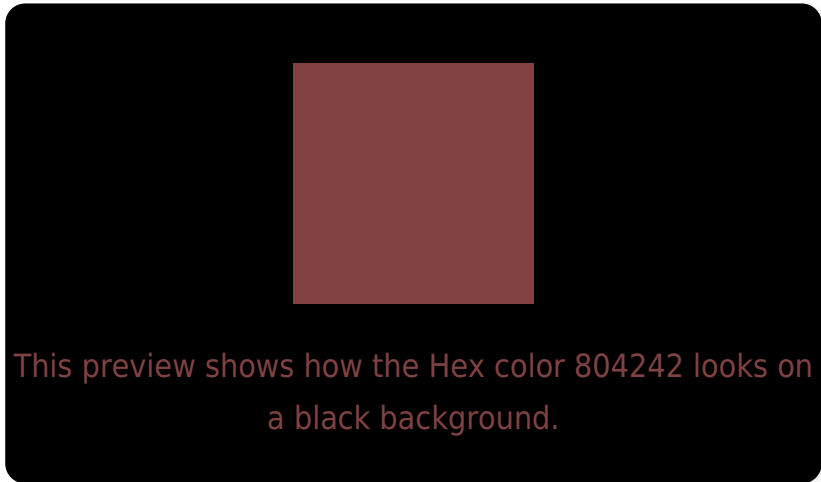
Large Text (above 18pt) WCAG AA ✓ Pass

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

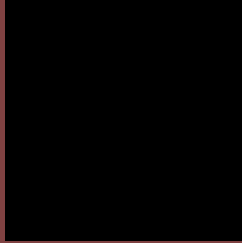
Any Text WCAG AA × Fail

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 804242 Background



This preview shows how black text looks on a background with the Hex color 804242.



This preview shows how white text looks on a background with the Hex color 804242.

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
804242

Protanopia
58544B

Deuteranopia
64513F



Tritanopia
804146

Trichromacy



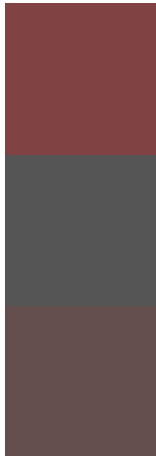
Original Color
804242

Protanomaly
674D48

Deuteranomaly
6E4C40

Tritanomaly
804145

Monochromacy



Original Color
804242

Achromatopsia
555555

Achromatomaly
654E4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 804242 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 #804242 looks like.

```
.text, #text, p{  
    color:#804242  
}
```

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 #804242 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #804242
}
```

Border

The CSS property to change the border of an element to Hex 804242 is called "border". The border property can be set on classes, ids or directly on the HTML element.

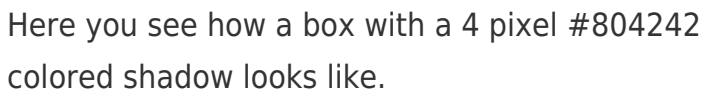
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#804242 }
```

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

```
.border{ border-color:#804242 }
```

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



Here you see how a box with a 4 pixel #804242 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #804242; -webkit-box-shadow:4px 4px  
4px 4px #804242; box-shadow:4px 4px 4px  
4px #804242 }
```

Background

The CSS property to change the background color of an element to Hex 804242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#804242 }
```

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

```
.background{ background-color:#804242 }
```

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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