

Converting Colors

Hex(802405)

Have a look what the booklet for
Hex(802405) contains.

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Color

Hex(802405)

Conversions

Conversions Part 1

Format	Color
Hex	802405
RGB	128, 36, 5
RGB Percent	50%, 14%, 2%
CMY	0.4980, 0.8588, 0.9804
CMYK	0.00, 0.72, 0.96, 0.50
HSL	15°, 92%, 26%
HSV	15°, 96%, 50%
XYZ	9.5604, 5.8619, 0.7712
YIQ	59.9740, 64.7830, 9.8630

Conversions

Conversions Part 2

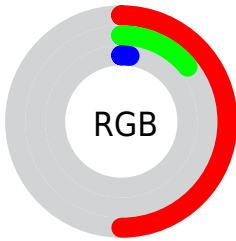
Format	Color
R_{YB}	128, 46, 5
Decimal	8397829
CIE Lab	29.06, 38.30, 39.08
CIE LCh	29, 54.717, 45.573
Yxy	5.8619, 0.5904, 0.3620
Android (android.graphics.Color)	4286587909 (0xFF802405)
YUV	59.9740, -27.1022, 59.6588
Hunter-Lab	24.2114, 28.1145, 15.0595

Details

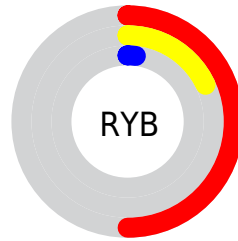
The Hex color **802405** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **056180**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **BC5734**, and **460000** is the 20% darker color. If you saturate the color by 10%, you get **802000**, and if you desaturate by 10%, it is **802E12**.

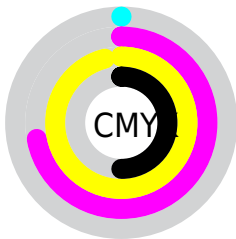
Distribution



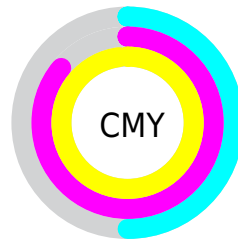
- Red (50%)
- Green (14%)
- Blue (2%)



- Red (50%)
- Yellow (18%)
- Blue (2%)



- Cyan (0%)
- Magenta (72%)
- Yellow (96%)
- Black (50%)



- Cyan (50%)
- Magenta (86%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 802405 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 802405 by changing the saturation by 10% instead.

 802405

 802405

 FFFFEA

 630600

 BC5734

 460000

 DA704B

 2E0002

 F98B64

 000000

 FFA67D

 FFC297

 FFDEB2

 FFFBCE

 802405

 802405

■ 802000

■ 802E12

■ 80371F

■ 80412B

■ 804A38

■ 805445

■ 805D52

■ 80675F

■ 80716B

■ 807A78

Harmonies

Analogous

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



8C0131



802405



653B00

Triad

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



802405



00552E



004397

Complementary

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



802405



056180

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.



004F97



802405



00565A

Square

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



802405



005100



005581



602C81

Rectangle

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



802405



4E4500



005581



00489A

Sweetspot

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



802405



A68276



800561



543E37



D4D4D4



545454

Same Dimension

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



802405



A62A00



806105



403B39



802000



000000

Inverse Universe

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



056180



007CA6



052480



393E40



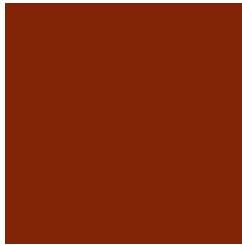
005F80



000000

Previews

White Background



This preview shows how the Hex color 802405 looks on a white background.

Color Contrast Check

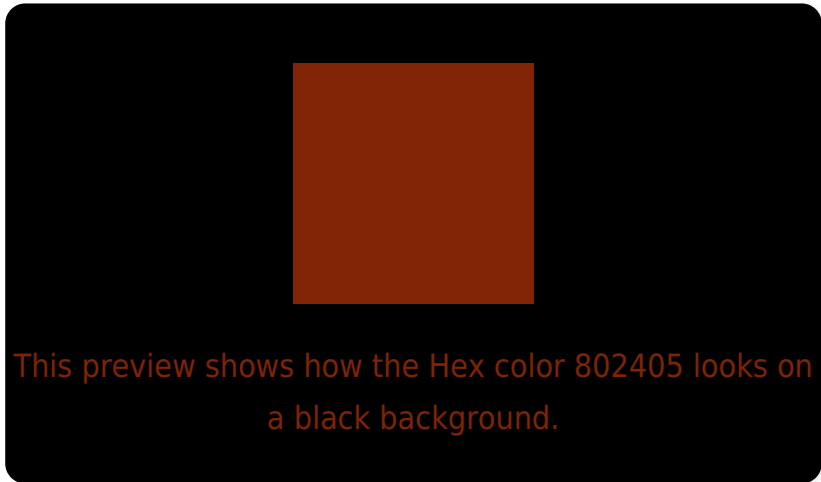
Large Text (above 18pt) WCAG AA ✓ Pass

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

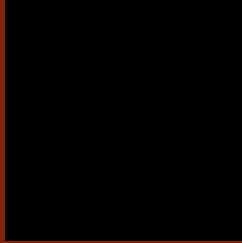
Any Text WCAG AA × Fail

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 802405 Background



This preview shows how black text looks on a background with the Hex color 802405.



This preview shows how white text looks on a background with the Hex color 802405.

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
802405

Protanopia
4F460F

Deuteranopia
584200



Tritanopia
812223

Trichromacy



Original Color
802405

Protanomaly
613A0B

Deuteranomaly
673702

Tritanomaly
812318

Monochromacy



Original Color
802405

Achromatopsia
3C3C3C

Achromatomaly
553328

CSS Examples

Text

The CSS property to change the color of the text to Hex 802405 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 #802405 looks like.

```
.text, #text, p{  
    color:#802405  
}
```

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 #802405 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #802405
}
```

Border

The CSS property to change the border of an element to Hex 802405 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".

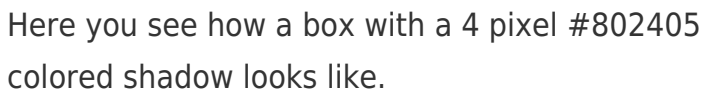
```
.border, #border, table{ border:4px solid
#802405 }
```

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

```
.border{ border-color:#802405 }
```

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

Here you see how a box with a 4 pixel #802405 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #802405; -webkit-box-shadow:4px 4px  
4px 4px #802405; box-shadow:4px 4px 4px  
4px #802405 }
```

Background

The CSS property to change the background color of an element to Hex 802405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#802405 }
```

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

```
.background{ background-color:#802405 }
```

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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