

Converting Colors

Hex(810224)

Have a look what the booklet for
Hex(810224) contains.

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Color

Hex(810224)

Conversions

Conversions Part 1

Format	Color
Hex	810224
RGB	129, 2, 36
RGB Percent	51%, 1%, 14%
CMY	0.4941, 0.9922, 0.8588
CMYK	0.00, 0.98, 0.72, 0.49
HSL	344°, 97%, 26%
HSV	344°, 98%, 51%
XYZ	9.3934, 4.8379, 2.1078
YIQ	43.8490, 64.7780, 37.4980

Conversions

Conversions Part 2

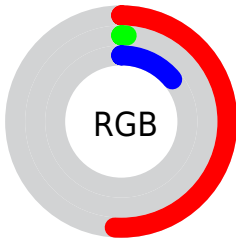
Format	Color
R_{YB}	129, 2, 36
Decimal	8454692
CIE _{Lab}	26.27, 48.98, 19.17
CIE _{LCh}	26, 52.600, 21.379
Yxy	4.8379, 0.5749, 0.2961
Android (android.graphics.Color)	4286644772 (0xFF810224)
YUV	43.8490, -3.8696, 74.6774
Hunter-Lab	21.9953, 37.7394, 9.7150

Details

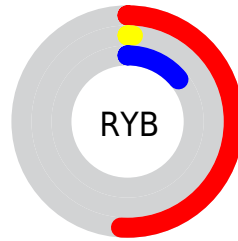
The Hex color **810224** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **02815F**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **BC4450**, and **480000** is the 20% darker color. If you saturate the color by 10%, you get **810023**, and if you desaturate by 10%, it is **810F2D**.

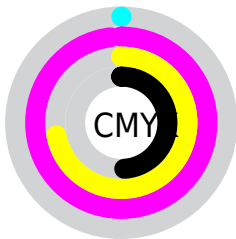
Distribution



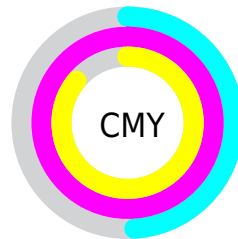
- Red (51%)
- Green (1%)
- Blue (14%)



- Red (51%)
- Yellow (1%)
- Blue (14%)



- Cyan (0%)
- Magenta (98%)
- Yellow (72%)
- Black (49%)



- Cyan (49%)
- Magenta (99%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 810224 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 810224 by changing the saturation by 10% instead.



810224



810224

FFFFFF



640010



BC4450



480000



DA5F68



2D0001



F97A81



000000



FF969B



FFB1B6



FFCED2



FFE8EE



810224



810224

■ 810023

■ 810F2D

■ 811C37

■ 812940

■ 81364A

■ 814253

■ 814F5D

■ 815C66

■ 816970

■ 817679

Harmonies

Analogous

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



7D004C



810224



722400

Triad

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



810224



004B02



00478E

Complementary

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



810224



02815F

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.



004D7D



810224



004E31

Square

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



810224



324500



004F5A



0D398A

Rectangle

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



810224



613300



004F5A



004A8B

Sweetspot

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



810224



A87683



5D0281



54363E



D4D4D4



545454

Same Dimension

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



810224



A8002D



811E02



40393B



800022



000000

Inverse Universe

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



810224



A8002D



026581



40393B



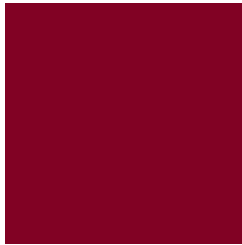
800022



000000

Previews

White Background



This preview shows how the Hex color 810224 looks on a white background.

Color Contrast Check

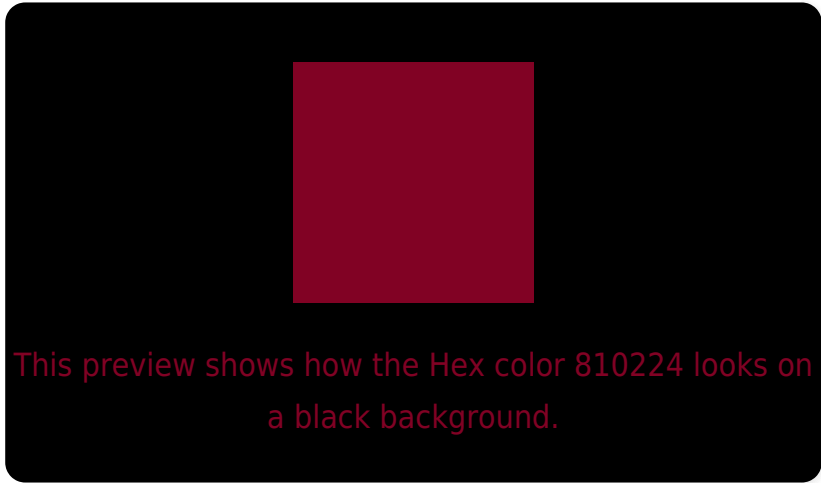
Large Text (above 18pt) WCAG AA ✓ Pass

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 810224 Background



This preview shows how black text looks on a background with the Hex color 810224.

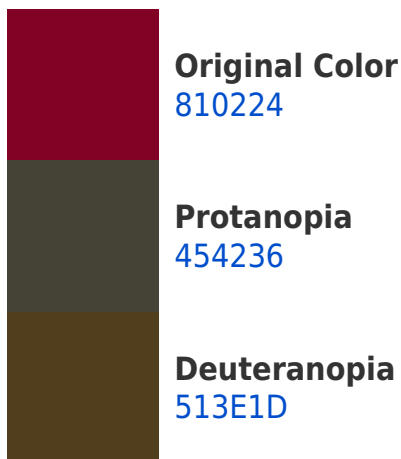


This preview shows how white text looks on a background with the Hex color 810224.

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



Trichromacy



Original Color
810224

Protanomaly
5B2B2F

Deuteranomaly
622820

Tritanomaly
800A14

Monochromacy



Original Color
810224

Achromatopsia
2C2C2C

Achromatomaly
4B1D29

CSS Examples

Text

The CSS property to change the color of the text to Hex 810224 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 #810224 looks like.

```
.text, #text, p{  
    color:#810224  
}
```

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 #810224 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #810224
}
```

Border

The CSS property to change the border of an element to Hex 810224 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".

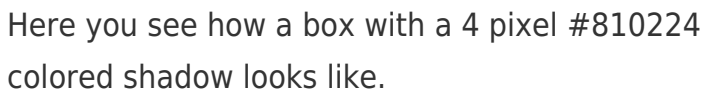
```
.border, #border, table{ border:4px solid
#810224 }
```

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

```
.border{ border-color:#810224 }
```

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

Here you see how a box with a 4 pixel #810224 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 #810224; -webkit-box-shadow:4px 4px  
4px 4px #810224; box-shadow:4px 4px 4px  
4px #810224 }
```

Background

The CSS property to change the background color of an element to Hex 810224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#810224 }
```

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

```
.background{ background-color:#810224 }
```

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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