

Converting Colors

Hex(812224)

Have a look what the booklet for
Hex(812224) contains.

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Color

Hex(812224)

Conversions

Conversions Part 1

Format	Color
Hex	812224
RGB	129, 34, 36
RGB Percent	51%, 13%, 14%
CMY	0.4941, 0.8667, 0.8588
CMYK	0.00, 0.74, 0.72, 0.49
HSL	359°, 58%, 32%
HSV	359°, 74%, 51%
XYZ	9.9437, 5.9386, 2.2912
YIQ	62.6330, 55.9780, 20.7620

Conversions

Conversions Part 2

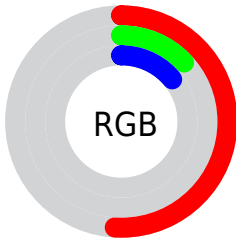
Format	Color
R_{YB}	129, 34, 36
Decimal	8462884
CIE _{Lab}	29.26, 40.53, 22.81
CIE _{LCh}	29, 46.506, 29.376
Yxy	5.9386, 0.5472, 0.3268
Android (android.graphics.Color)	4286652964 (0xFF812224)
YUV	62.6330, -13.1301, 58.2039
Hunter-Lab	24.3692, 30.1901, 11.4839

Details

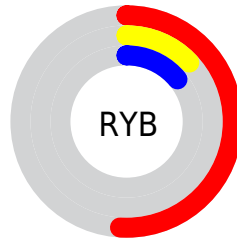
The Hex color **812224** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **22817F**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **BB5651**, and **490000** is the 20% darker color. If you saturate the color by 10%, you get **811517**, and if you desaturate by 10%, it is **812F31**.

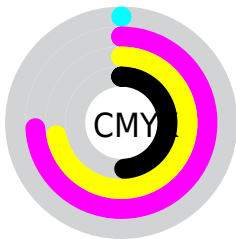
Distribution



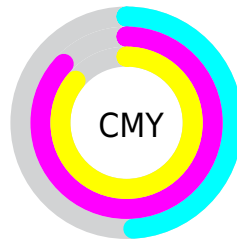
- Red (51%)
- Green (13%)
- Blue (14%)



- Red (51%)
- Yellow (13%)
- Blue (14%)



- Cyan (0%)
- Magenta (74%)
- Yellow (72%)
- Black (49%)





- Cyan (49%)
- Magenta (87%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 812224 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 812224 by changing the saturation by 10% instead.

 812224

 812224

FFFFFF

 65010F

 BB5651

 490000

 D97069

 300002

 F78A82

 000000

 FFA59C

 FFC1B7

 FFDED3

 FFFBEF

 812224

 812224

■ 811517

■ 812F31

■ 81080B

■ 813C3D

■ 810003

■ 81494A

■ 815657

■ 816263

■ 816F70

■ 817C7C

■ 818989

■ 819696

Harmonies

Analogous

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



821A47



812224



703400

Triad

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



812224



00521D



004A8E

Complementary

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



812224



22817F

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.



005283



812224



005543

Square

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



812224



314D00



005567



403C84

Rectangle

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



812224



5F3F00



005567



004D8C

Sweetspot

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



812224



A88384



7E2281



543E3F



D4D4D4



545454

Same Dimension

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



812224



A81417



814E22



40393A



800003



000000

Inverse Universe

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



812224



A81417



225581



40393A



800003



000000

Previews

White Background



This preview shows how the Hex color 812224 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 812224 Background



This preview shows how black text looks on a background with the Hex color 812224.

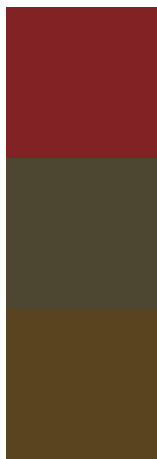


This preview shows how white text looks on a background with the Hex color 812224.

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

812224

Protanopia

4C4630

Deuteranopia

57431E



Tritanopia
812223

Trichromacy



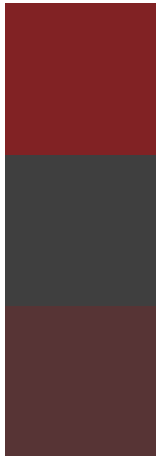
Original Color
812224

Protanomaly
5F392C

Deuteranomaly
663720

Tritanomaly
812223

Monochromacy



Original Color
812224

Achromatopsia
3F3F3F

Achromatomaly
573435

CSS Examples

Text

The CSS property to change the color of the text to Hex 812224 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 #812224 looks like.

```
.text, #text, p{  
    color:#812224  
}
```

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 #812224 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #812224
}
```

Border

The CSS property to change the border of an element to Hex 812224 is called "border". The border property can be set on classes, ids or directly on the HTML element.

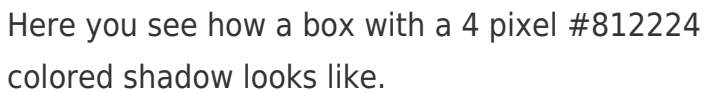
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#812224 }
```

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

```
.border{ border-color:#812224 }
```

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



Here you see how a box with a 4 pixel #812224 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #812224; -webkit-box-shadow:4px 4px  
4px 4px #812224; box-shadow:4px 4px 4px  
4px #812224 }
```

Background

The CSS property to change the background color of an element to Hex 812224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#812224 }
```

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

```
.background{ background-color:#812224 }
```

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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