

Converting Colors

Hex(815216)

Have a look what the booklet for
Hex(815216) contains.

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Color

Hex(815216)

Conversions

Conversions Part 1

Format	Color
Hex	815216
RGB	129, 82, 22
RGB Percent	51%, 32%, 9%
CMY	0.4941, 0.6784, 0.9137
CMYK	0.00, 0.36, 0.83, 0.49
HSL	34°, 71%, 30%
HSV	34°, 83%, 51%
XYZ	12.2154, 10.7596, 2.1921
YIQ	89.2130, 47.2720, -8.6960

Conversions

Conversions Part 2

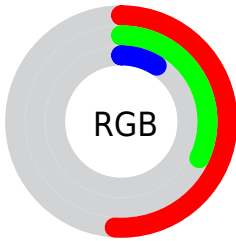
Format	Color
RYB	106, 129, 22
Decimal	8475158
CIELab	39.17, 14.51, 40.72
CIELCh	39, 43.226, 70.384
Yxy	10.7596, 0.4854, 0.4275
Android (android.graphics.Color)	4286665238 (0xFF815216)
YUV	89.2130, -33.1360, 34.8932
Hunter-Lab	32.8019, 9.0698, 18.9991

Details

The Hex color **815216** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **164581**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **BA8346**, and **4B2500** is the 20% darker color. If you saturate the color by 10%, you get **814C09**, and if you desaturate by 10%, it is **815823**.

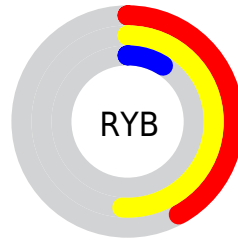
Distribution



Red (51%)

Green (32%)

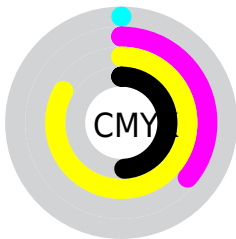
Blue (9%)



Red (42%)

Yellow (51%)

Blue (9%)

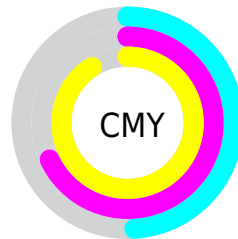


Cyan (0%)

Magenta (36%)

Yellow (83%)

Black (49%)



Cyan (49%)


Magenta (68%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 815216 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 815216 by changing the saturation by 10% instead.

 815216

 815216

FFFFFF

 663B00

 BA8346

 4B2500

 D79E5F

 311100

 F5B879

 170000


 FFD493

 000000

 FFF0AE

 FFFFCA

 FFFFEE

 815216

 815216

■ 814C09

■ 815823

■ 814800

■ 815D30

■ 81633D

■ 81694A

■ 816E57

■ 817463

■ 817A70

■ 817F7D

■ 81858A

Harmonies

Analogous

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



964430



815216



635E0D

Triad

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



815216



006D68



6E4E92

Complementary

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



815216



164581

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.



2A5CA2



815216



006C89

Square

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



815216



006B43



00669E



903F75

Rectangle

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



815216



4B641A



00669E



5D5399

Sweetspot

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



815216



A8967E



811646



54493B



D4D4D4



545454

Same Dimension

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



815216



A85E00



7C8116



403D39



804700



000000

Inverse Universe

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



164581



004AA8



1B1681



393C40



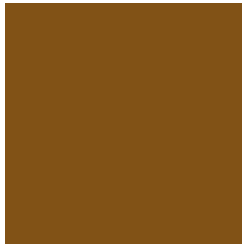
003880



000000

Previews

White Background



This preview shows how the Hex color 815216 looks on a white background.

Color Contrast Check

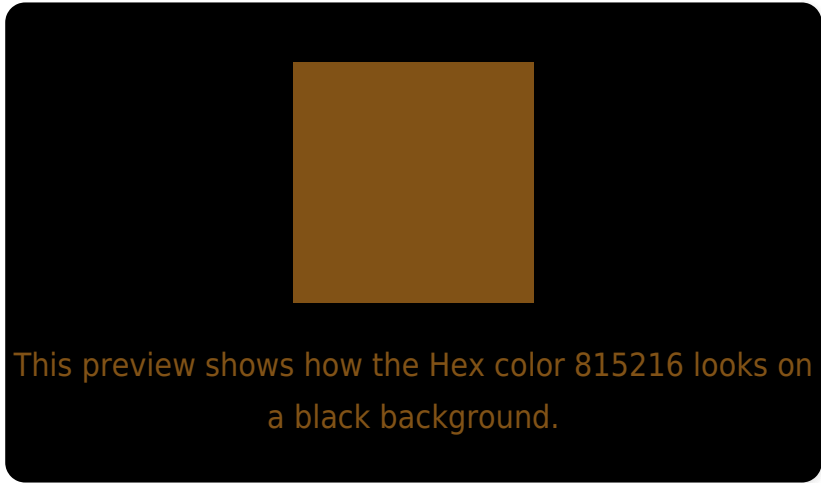
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

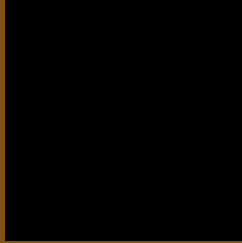
Any Text WCAG AA × Fail

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 815216 Background



This preview shows how black text looks on a background with the Hex color 815216.



This preview shows how white text looks on a background with the Hex color 815216.

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
815216

Protanopia
685D19

Deuteranopia
755813



Tritanopia
844D52

Trichromacy



Original Color
815216

Protanomaly
715918

Deuteranomaly
795614

Tritanomaly
834F3C

Monochromacy



Original Color
815216

Achromatopsia
595959

Achromatomaly
685641

CSS Examples

Text

The CSS property to change the color of the text to Hex 815216 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 #815216 looks like.

```
.text, #text, p{  
    color:#815216  
}
```

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 #815216 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #815216
}
```

Border

The CSS property to change the border of an element to Hex 815216 is called "border". The border property can be set on classes, ids or directly on the HTML element.

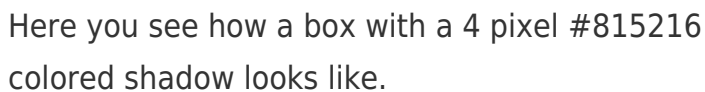
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#815216 }
```

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

```
.border{ border-color:#815216 }
```

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



Here you see how a box with a 4 pixel #815216 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #815216; -webkit-box-shadow:4px 4px  
4px 4px #815216; box-shadow:4px 4px 4px  
4px #815216 }
```

Background

The CSS property to change the background color of an element to Hex 815216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#815216 }
```

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

```
.background{ background-color:#815216 }
```

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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