

Converting Colors

Hex(814B21)

Have a look what the booklet for
Hex(814B21) contains.

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Color

Hex(814B21)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 814B21 |
| RGB | 129, 75, 33 |
| RGB Percent | 51%, 29%, 13% |
| CMY | 0.4941, 0.7059, 0.8706 |
| CMYK | 0.00, 0.42, 0.74, 0.49 |
| HSL | 26°, 59%, 32% |
| HSV | 26°, 74%, 51% |
| XYZ | 11.8439, 9.8091, 2.7079 |
| YIQ | 86.3580, 45.6660, -1.6140 |

Conversions

Conversions Part 2

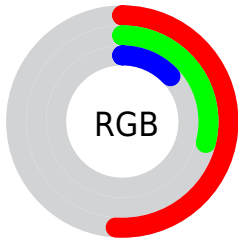
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 129, 108, 33 |
| Decimal | 8473377 |
| CIE Lab | 37.50, 19.15, 33.86 |
| CIE LCh | 37, 38.897, 60.512 |
| Yxy | 9.8091, 0.4862, 0.4027 |
| Android (android.graphics.Color) | 4286663457 (0xFF814B21) |
| YUV | 86.3580, -26.3055, 37.3970 |
| Hunter-Lab | 31.3195, 12.6930, 16.7973 |

Details

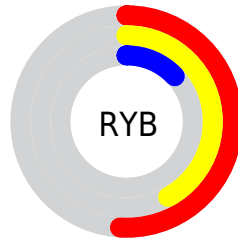
The Hex color **814B21** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **215781**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **BA7C50**, and **4B1E00** is the 20% darker color. If you saturate the color by 10%, you get **814414**, and if you desaturate by 10%, it is **81522E**.

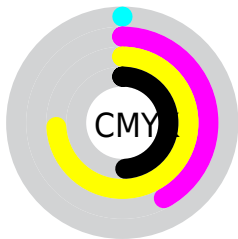
Distribution



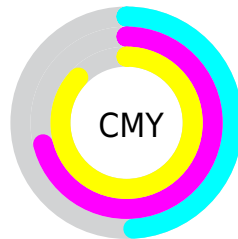
- Red (51%)
- Green (29%)
- Blue (13%)



- Red (51%)
- Yellow (42%)
- Blue (13%)



- Cyan (0%)
- Magenta (42%)
- Yellow (74%)
- Black (49%)



- Cyan (49%)
- Magenta (71%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 814B21 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 814B21 by changing the saturation by 10% instead.

 814B21

 814B21

FFFFFF

 66340A

 BA7C50

 4B1E00

 D79668

 310900

 F4B182

 130000


 FFCD9C

 000000

 FFE9B7

 FFFFD3

 FFFFEF

 814B21

 814B21

■ 814414

■ 81522E

■ 813C07

■ 815A3B

■ 813800

■ 816148

■ 816855

■ 816F62

■ 81776E

■ 817E7B

■ 818588

■ 818C95

Harmonies

Analogous

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



903F3A



814B21



685714

Triad

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



814B21



006758



59508F

Complementary

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



814B21



215781

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.



005C97



814B21



006777

Square

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



814B21



1A6538



00638E



7F4378

Rectangle

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



814B21



545D18



00638E



475493

Sweetspot

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



814B21



A89383



812157



54483E



D4D4D4



545454

Same Dimension

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



814B21



A85413



817B21



403C39



803800



000000

Inverse Universe

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



215781



1367A8



212781



393D40



004880



000000

Previews

White Background



This preview shows how the Hex color 814B21 looks on a white background.

Color Contrast Check

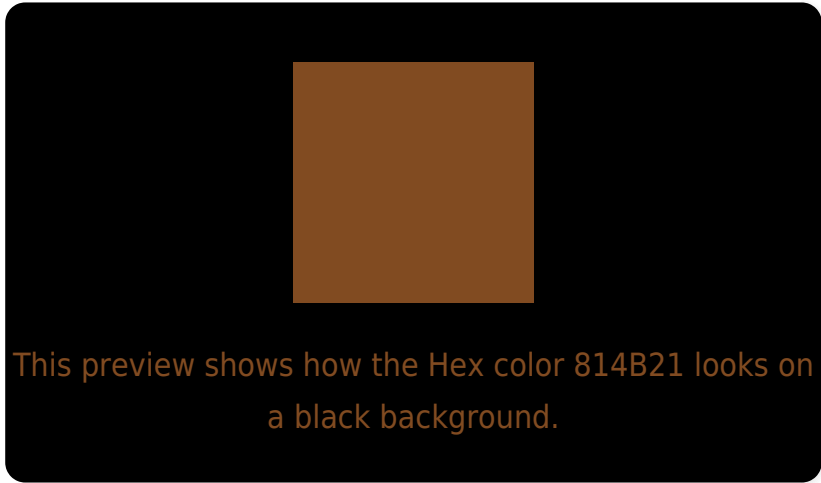
Large Text (above 18pt) WCAG AA ✓ Pass

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

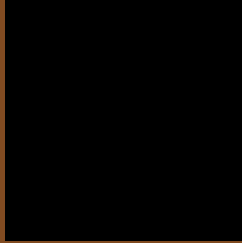
Any Text WCAG AA × Fail

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 814B21 Background



This preview shows how black text looks on a background with the Hex color 814B21.



This preview shows how white text looks on a background with the Hex color 814B21.

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
814B21

Protanopia
635925

Deuteranopia
6F541E



Tritanopia
83464C

Trichromacy



Original Color
814B21

Protanomaly
6E5424

Deuteranomaly
76511F

Tritanomaly
82483C

Monochromacy



Original Color
814B21

Achromatopsia
565656

Achromatomaly
665243

CSS Examples

Text

The CSS property to change the color of the text to Hex 814B21 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 #814B21 looks like.

```
.text, #text, p{  
    color:#814B21  
}
```

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 #814B21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #814B21
}
```

Border

The CSS property to change the border of an element to Hex 814B21 is called "border". The border property can be set on classes, ids or directly on the HTML element.

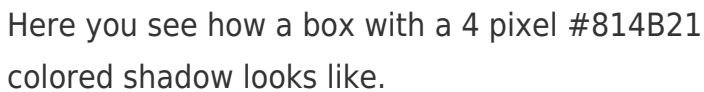
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#814B21 }
```

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

```
.border{ border-color:#814B21 }
```

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



Here you see how a box with a 4 pixel #814B21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #814B21; -webkit-box-shadow:4px 4px  
4px 4px #814B21; box-shadow:4px 4px 4px  
4px #814B21 }
```

Background

The CSS property to change the background color of an element to Hex 814B21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#814B21 }
```

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

```
.background{ background-color:#814B21 }
```

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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