

Converting Colors

Hex(821412)

Have a look what the booklet for
Hex(821412) contains.

Hex(821412)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(821412)

Conversions

Conversions Part 1

Format	Color
Hex	821412
RGB	130, 20, 18
RGB Percent	51%, 8%, 7%
CMY	0.4902, 0.9216, 0.9294
CMYK	0.00, 0.85, 0.86, 0.49
HSL	1°, 76%, 29%
HSV	1°, 86%, 51%
XYZ	9.5653, 5.2898, 1.0892
YIQ	52.6620, 66.2020, 22.6980

Conversions

Conversions Part 2

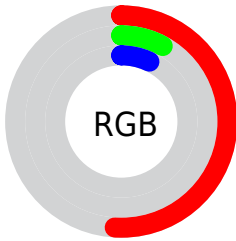
Format	Color
R_{YB}	130, 20, 18
Decimal	8524818
CIE Lab	27.54, 44.88, 31.98
CIE LCh	28, 55.109, 35.478
Yxy	5.2898, 0.5999, 0.3318
Android (android.graphics.Color)	4286714898 (0xFF821412)
YUV	52.6620, -17.0884, 67.8254
Hunter-Lab	22.9996, 33.9868, 13.2920

Details

The Hex color **821412** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **128082**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **BE4C3D**, and **480000** is the 20% darker color. If you saturate the color by 10%, you get **820705**, and if you desaturate by 10%, it is **82211F**.

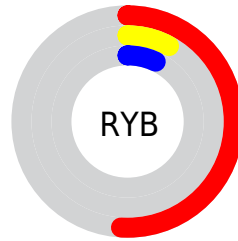
Distribution



Red (51%)

Green (8%)

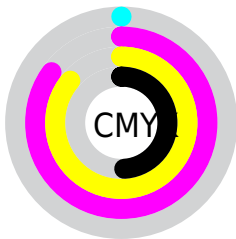
Blue (7%)



Red (51%)

Yellow (8%)

Blue (7%)

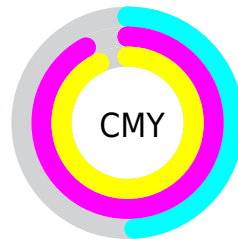


Cyan (0%)

Magenta (85%)

Yellow (86%)

Black (49%)



Cyan (49%)

Magenta (92%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 821412 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 821412 by changing the saturation by 10% instead.

 821412

 821412

 FFFFF5

 650000

 BE4C3D

 480000

 DC6655

 2E0002

 FB816D

 000000

 FF9C87

 FFB8A1

 FFD4BC

 FFF1D8

 821412

 821412

■ 820705

■ 82211F

■ 820200

■ 822E2C

■ 823A39

■ 824746

■ 825453

■ 826160

■ 826D6D

■ 827A7A

■ 828787

Harmonies

Analogous

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



88003B



821412



6C3100

Triad

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



821412



00501B



004597

Complementary

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



821412



128082

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.



004F8F



821412



005248

Square

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



821412



1B4C00



005272



473187

Rectangle

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



821412



563D00



005272



004997

Sweetspot

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



821412



A87D7D



821280



543B3A



D4D4D4



545454

Same Dimension

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



821412



A80300



824C12



403939



800200



000000

Inverse Universe

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



128082



00A5A8



124882



394040



007D80



000000

Previews

White Background



This preview shows how the Hex color 821412 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 821412 Background



This preview shows how black text looks on a background with the Hex color 821412.



This preview shows how white text looks on a background with the Hex color 821412.

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
821412

Protanopia
4B431D

Deuteranopia
554000

Trichromacy



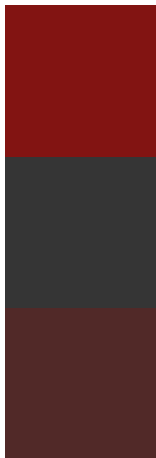
Original Color
821412

Protanomaly
5F3219

Deuteranomaly
653007

Tritanomaly
821412

Monochromacy



Original Color
821412

Achromatopsia
353535

Achromatomaly
512928

CSS Examples

Text

The CSS property to change the color of the text to Hex 821412 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 #821412 looks like.

```
.text, #text, p{  
    color:#821412  
}
```

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 #821412 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #821412
}
```

Border

The CSS property to change the border of an element to Hex 821412 is called "border". The border property can be set on classes, ids or directly on the HTML element.

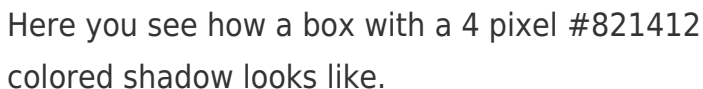
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#821412 }
```

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

```
.border{ border-color:#821412 }
```

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



Here you see how a box with a 4 pixel #821412 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #821412; -webkit-box-shadow:4px 4px  
4px 4px #821412; box-shadow:4px 4px 4px  
4px #821412 }
```

Background

The CSS property to change the background color of an element to Hex 821412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#821412 }
```

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

```
.background{ background-color:#821412 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor