

Converting Colors

Hex(821724)

Have a look what the booklet for
Hex(821724) contains.

Hex(821724)	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(821724)

Conversions

Conversions Part 1

Format	Color
Hex	821724
RGB	130, 23, 36
RGB Percent	51%, 9%, 14%
CMY	0.4902, 0.9098, 0.8588
CMYK	0.00, 0.82, 0.72, 0.49
HSL	353°, 70%, 30%
HSV	353°, 82%, 51%
XYZ	9.8308, 5.4860, 2.2098
YIQ	56.4750, 59.5990, 26.7270

Conversions

Conversions Part 2

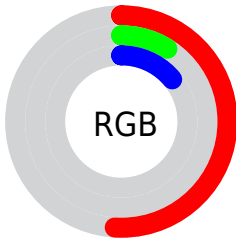
Format	Color
R_{YB}	130, 23, 36
Decimal	8525604
CIE _{Lab}	28.08, 44.72, 21.44
CIE _{LCh}	28, 49.592, 25.616
Yxy	5.4860, 0.5609, 0.3130
Android (android.graphics.Color)	4286715684 (0xFF821724)
YUV	56.4750, -10.0942, 64.4814
Hunter-Lab	23.4222, 33.9311, 10.8017

Details

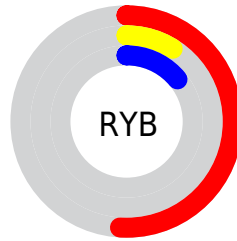
The Hex color **821724** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **178275**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **BD4E50**, and **490000** is the 20% darker color. If you saturate the color by 10%, you get **820A19**, and if you desaturate by 10%, it is **82242F**.

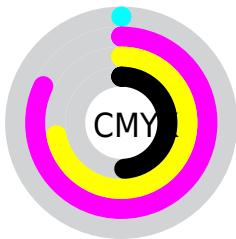
Distribution



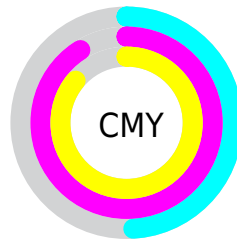
- Red (51%)
- Green (9%)
- Blue (14%)



- Red (51%)
- Yellow (9%)
- Blue (14%)



- Cyan (0%)
- Magenta (82%)
- Yellow (72%)
- Black (49%)



- Cyan (49%)
- Magenta (91%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 821724 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 821724 by changing the saturation by 10% instead.



821724



821724

FFFFFF



650010



BD4E50



490000



DB6969



2F0002



F98382



000000



FF9E9C



FFBAB7



FFD7D2



FFF4EE



821724



821724

■ 820A19

■ 82242F

■ 820010

■ 82313B

■ 823E46

■ 824B52

■ 82585D

■ 826569

■ 827274

■ 827F7F

■ 828C8B

Harmonies

Analogous

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



810F4A



821724



722E00

Triad

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



821724



004F12



00498F

Complementary

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



821724



178275

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.



005081



821724



00523B

Square

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



821724



324A00



005362



303B88

Rectangle

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



821724



613A00



005362



004C8D

Sweetspot

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



821724



A87E83



741782



543B3E



D4D4D4



545454

Same Dimension

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



821724



A80216



823E17



40393A



80000F



000000

Inverse Universe

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



821724



A80216



175B82



40393A



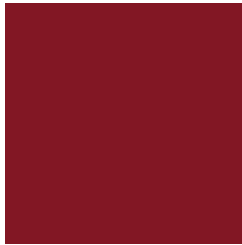
80000F



000000

Previews

White Background



This preview shows how the Hex color 821724 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 821724 Background



This preview shows how black text looks on a background with the Hex color 821724.

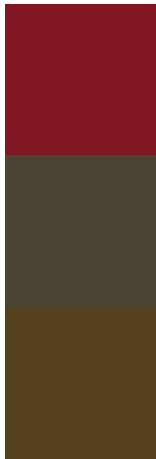


This preview shows how white text looks on a background with the Hex color 821724.

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
821724

Protanopia
494433

Deuteranopia
55411E



Tritanopia
821919

Trichromacy



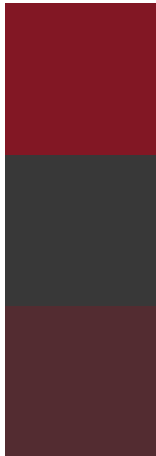
Original Color
821724

Protanomaly
5E342E

Deuteranomaly
653220

Tritanomaly
82181D

Monochromacy



Original Color
821724

Achromatopsia
383838

Achromatomaly
532C31

CSS Examples

Text

The CSS property to change the color of the text to Hex 821724 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 #821724 looks like.

```
.text, #text, p{  
    color:#821724  
}
```

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 #821724 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #821724
}
```

Border

The CSS property to change the border of an element to Hex 821724 is called "border". The border property can be set on classes, ids or directly on the HTML element.

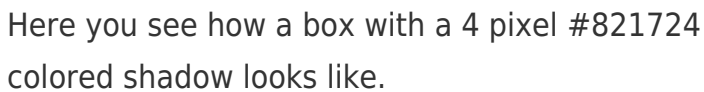
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#821724 }
```

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

```
.border{ border-color:#821724 }
```

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



Here you see how a box with a 4 pixel #821724 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #821724; -webkit-box-shadow:4px 4px  
4px 4px #821724; box-shadow:4px 4px 4px  
4px #821724 }
```

Background

The CSS property to change the background color of an element to Hex 821724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#821724 }
```

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

```
.background{ background-color:#821724 }
```

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