

Converting Colors

Hex(821007)

Have a look what the booklet for
Hex(821007) contains.

Hex(821007)	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(821007)

Conversions

Conversions Part 1

Format	Color
Hex	821007
RGB	130, 16, 7
RGB Percent	51%, 6%, 3%
CMY	0.4902, 0.9373, 0.9725
CMYK	0.00, 0.88, 0.95, 0.49
HSL	4°, 90%, 27%
HSV	4°, 95%, 51%
XYZ	9.4296, 5.1317, 0.6945
YIQ	49.0600, 70.8330, 21.3690

Conversions

Conversions Part 2

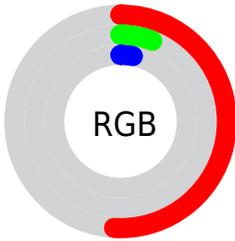
Format	Color
RYB	130, 17, 7
Decimal	8523783
CIELab	27.11, 45.66, 36.80
CIELCh	27, 58.645, 38.868
Yxy	5.1317, 0.6181, 0.3364
Android (android.graphics.Color)	4286713863 (0xFF821007)
YUV	49.0600, -20.7356, 70.9844
Hunter-Lab	22.6534, 34.6580, 14.0395

Details

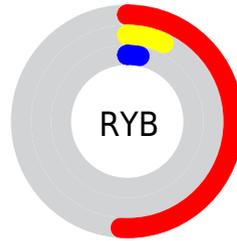
The Hex color **821007** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **077982**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **BE4A34**, and **470000** is the 20% darker color. If you saturate the color by 10%, you get **820A00**, and if you desaturate by 10%, it is **821C14**.

Distribution



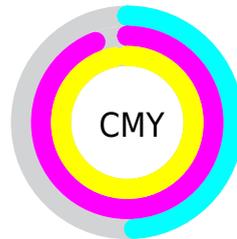
- Red (51%)
- Green (6%)
- Blue (3%)



- Red (51%)
- Yellow (7%)
- Blue (3%)



- Cyan (0%)
- Magenta (88%)
- Yellow (95%)
- Black (49%)



- Cyan (49%)
- Magenta (94%)
- Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 821007 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 821007 by changing the saturation by 10% instead.

 821007

 821007

 FFFFEA

 650000

 BE4A34

 470000

 DD644B

 2D0001

 FC7F64

 000000

 FF9A7D

 FFB697

 FFD2B2

 FFEFCE

 821007

 821007

■ 820A00

■ 821C14

■ 822821

■ 82342E

■ 82403B

■ 824C48

■ 825855

■ 826462

■ 82706F

■ 827C7C

Harmonies

Analogous

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



8B0035



821007



683100

Triad

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



821007



00501D



00429B

Complementary

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



821007



077982

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.



004E95



821007



00524D

Square

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



821007



074C00



005278



4E2C87

Rectangle

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



821007



513E00



005278



00479C

Sweetspot

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



821007



A87D79



82077A



543A38



D4D4D4



545454

Same Dimension

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



821007



A80C00



824D07



403A39



800900



000000

Inverse Universe

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



077982



009CA8



073C82



393F40



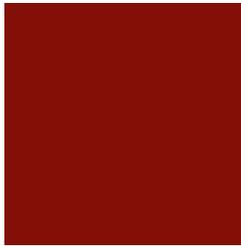
007680



000000

Previews

White Background



This preview shows how the Hex color 821007 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

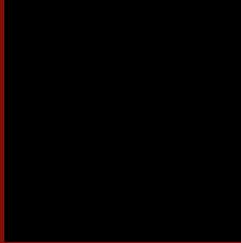
Any Text WCAG AA × Fail

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 821007 Background



This preview shows how black text looks on a background with the Hex color 821007.



This preview shows how white text looks on a background with the Hex color 821007.

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
821007

Protanopia
4B4313

Deuteranopia
543F00



Tritanopia
82100C

Trichromacy



Original Color
821007

Protanomaly
5F300F

Deuteranomaly
652E03

Tritanomaly
82100A

Monochromacy



Original Color
821007

Achromatopsia
313131

Achromatomaly
4E2522

CSS Examples

Text

The CSS property to change the color of the text to Hex 821007 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 #821007 looks like.

```
.text, #text, p{  
    color:#821007  
}
```

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 #821007 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #821007
}
```

Border

The CSS property to change the border of an element to Hex 821007 is called "border". The border property can be set on classes, ids or directly on the HTML element.

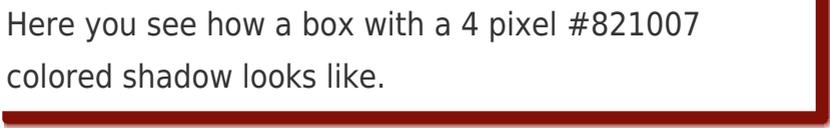
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#821007 }
```

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

```
.border{ border-color:#821007 }
```

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



Here you see how a box with a 4 pixel #821007 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #821007; -webkit-box-shadow:4px 4px  
4px 4px #821007; box-shadow:4px 4px 4px  
4px #821007 }
```

Background

The CSS property to change the background color of an element to Hex 821007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#821007 }
```

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

```
.background{ background-color:#821007 }
```

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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