

# Converting Colors

Hex(821D07)

Have a look what the booklet for  
Hex(821D07) contains.

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**Color**

**Hex(821D07)**

# Conversions

## Conversions Part 1

Format	Color
Hex	821D07
RGB	130, 29, 7
RGB Percent	51%, 11%, 3%
CMY	0.4902, 0.8863, 0.9725
CMYK	0.00, 0.78, 0.95, 0.49
HSL	11°, 90%, 27%
HSV	11°, 95%, 51%
XYZ	9.6836, 5.6399, 0.7792
YIQ	56.6910, 67.2580, 14.5700

# Conversions

## Conversions Part 2

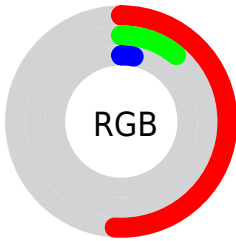
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 34, 7
Decimal	8527111
CIE Lab	28.49, 41.78, 37.97
CIE LCh	28, 56.454, 42.262
Yxy	5.6399, 0.6014, 0.3502
Android (android.graphics.Color)	4286717191 (0xFF821D07)
YUV	56.6910, -24.4977, 64.2920
Hunter-Lab	23.7485, 31.2251, 14.6785

# Details

The Hex color **821D07** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **076C82**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **BE5235**, and **480000** is the 20% darker color. If you saturate the color by 10%, you get **821700**, and if you desaturate by 10%, it is **822814**.

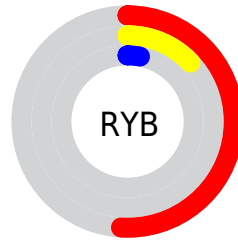
# Distribution



Red (51%)

Green (11%)

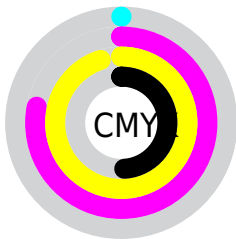
Blue (3%)



Red (51%)

Yellow (13%)

Blue (3%)

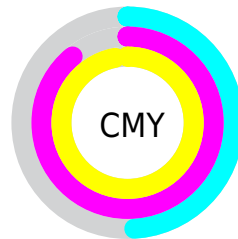


Cyan (0%)

Magenta (78%)

Yellow (95%)

Black (49%)



Cyan (49%)

Magenta (89%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 821D07 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 821D07 by changing the saturation by 10% instead.



 821D07

 821D07

 FFFFEB

 650000

 BE5235

 480000

 DD6C4C

 2F0002

 FC8665

 000000

 FFA17E

 FFBD98

 FFD9B3

 FFF6CF

 821D07

 821D07

■ 821700

■ 822814

■ 823221

■ 823D2E

■ 82483B

■ 825248

■ 825D55

■ 826862

■ 82726F

■ 827D7C

# Harmonies

## Analogous

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



8D0034



821D07



683700

# Triad

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



821D07



005427



00439A

# Complementary

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



821D07



076C82

# 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.



004F97



821D07



005555

# Square

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



821D07



015000



00547D



592D85

# Rectangle

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



821D07



504300



00547D



00489C



# Sweetspot

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



821D07



A88279



82076D



543D38



D4D4D4



545454



# Same Dimension

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



821D07



A81E00



825907



403B39



801700



000000



# Inverse Universe

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



076C82



008AA8



073082



393F40



006980

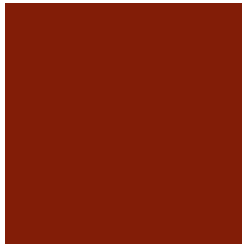


000000



# Previews

## White Background



This preview shows how the Hex color 821D07 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 821D07 Background



This preview shows how black text looks on a background with the Hex color 821D07.



This preview shows how white text looks on a background with the Hex color 821D07.

# 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**  
821D07

**Protanopia**  
4D4511

**Deuteranopia**  
574200



**Tritanopia**  
821B1B

# Trichromacy



**Original Color**  
821D07

**Protanomaly**  
60360D

**Deuteranomaly**  
673503

**Tritanomaly**  
821C14

# Monochromacy



**Original Color**  
821D07

**Achromatopsia**  
393939

**Achromatomaly**  
542F27

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 821D07 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 #821D07 looks like.

```
.text, #text, p{  
    color:#821D07  
}
```

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 #821D07 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #821D07
}
```

## Border

The CSS property to change the border of an element to Hex 821D07 is called "border". The border property can be set on classes, ids or directly on the HTML element.

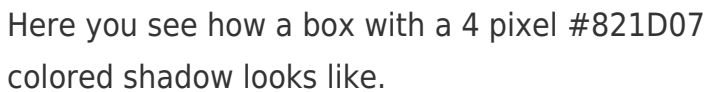
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#821D07 }
```

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

```
.border{ border-color:#821D07 }
```

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



Here you see how a box with a 4 pixel #821D07 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #821D07; -webkit-box-shadow:4px 4px  
4px 4px #821D07; box-shadow:4px 4px 4px  
4px #821D07 }
```

# Background

The CSS property to change the background color of an element to Hex 821D07 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#821D07 }
```

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

```
.background{ background-color:#821D07 }
```

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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