

Converting Colors

Hex(821015)

Have a look what the booklet for
Hex(821015) contains.

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Color

Hex(821015)

Conversions

Conversions Part 1

Format	Color
Hex	821015
RGB	130, 16, 21
RGB Percent	51%, 6%, 8%
CMY	0.4902, 0.9373, 0.9176
CMYK	0.00, 0.88, 0.84, 0.49
HSL	357°, 78%, 29%
HSV	357°, 88%, 51%
XYZ	9.5266, 5.1706, 1.2054
YIQ	50.6560, 66.3390, 25.7230

Conversions

Conversions Part 2

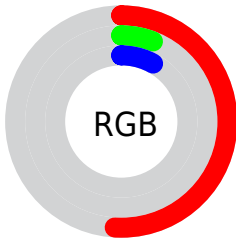
Format	Color
R_{YB}	130, 16, 21
Decimal	8523797
CIE _{Lab}	27.22, 45.98, 29.93
CIE _{LCh}	27, 54.870, 33.063
Yxy	5.1706, 0.5991, 0.3251
Android (android.graphics.Color)	4286713877 (0xFF821015)
YUV	50.6560, -14.6204, 69.5847
Hunter-Lab	22.7388, 34.9906, 12.7743

Details

The Hex color **821015** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **10827D**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **BE4A40**, and **480000** is the 20% darker color. If you saturate the color by 10%, you get **820309**, and if you desaturate by 10%, it is **821D21**.

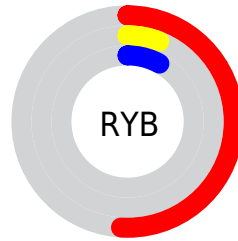
Distribution



Red (51%)

Green (6%)

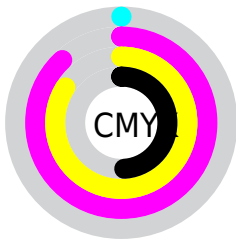
Blue (8%)



Red (51%)

Yellow (6%)

Blue (8%)

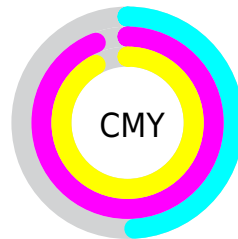


Cyan (0%)

Magenta (88%)

Yellow (84%)

Black (49%)



Cyan (49%)

Magenta (94%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 821015 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 821015 by changing the saturation by 10% instead.

 821015

 821015

 FFFFF8

 650000

 BE4A40

 480000

 DC6458

 2E0002

 FB7F70

 000000

 FF9A8A

 FFB6A4

 FFD2C0

 FFEFDB

 821015

 821015

■ 820309

■ 821D21

■ 820006

■ 822A2E

■ 82373A

■ 824447

■ 825153

■ 825E60

■ 826B6C

■ 827878

■ 828585

Harmonies

Analogous

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



87003E



821015



6D2E00

Triad

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



821015



004F16



004596

Complementary

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



821015



10827D

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.



004E8C



821015



005144

Square

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



821015



204A00



00516E



403288

Rectangle

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



821015



583B00



00516E



004995

Sweetspot

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



821015



A87D7E



7C1082



543A3B



D4D4D4



545454

Same Dimension

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



821015



A80007



824310



40393A



800006



000000

Inverse Universe

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



821015



A80007



104F82



40393A



800006



000000

Previews

White Background



This preview shows how the Hex color 821015 looks on a white background.

Color Contrast Check

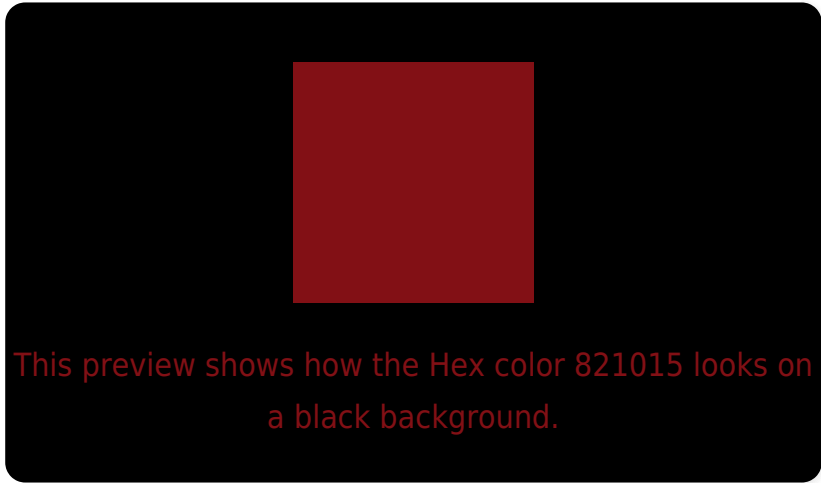
Large Text (above 18pt) WCAG AA ✓ Pass

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 821015 Background



This preview shows how black text looks on a background with the Hex color 821015.



This preview shows how white text looks on a background with the Hex color 821015.

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
821015

Protanopia
4A4321

Deuteranopia
543F05



Tritanopia
82110F

Trichromacy



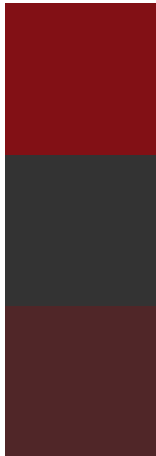
Original Color
821015

Protanomaly
5E301D

Deuteranomaly
652E0B

Tritanomaly
821111

Monochromacy



Original Color
821015

Achromatopsia
333333

Achromatomaly
502628

CSS Examples

Text

The CSS property to change the color of the text to Hex 821015 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 #821015 looks like.

```
.text, #text, p{  
    color:#821015  
}
```

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 #821015 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #821015 }  
}
```

Border

The CSS property to change the border of an element to Hex 821015 is called "border". The border property can be set on classes, ids or directly on the HTML element.

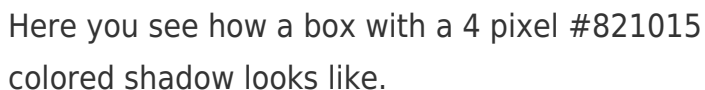
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #821015 }  
}
```

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

```
.border{ border-color:#821015 }
```

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



Here you see how a box with a 4 pixel #821015 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #821015; -webkit-box-shadow:4px 4px  
4px 4px #821015; box-shadow:4px 4px 4px  
4px #821015 }
```

Background

The CSS property to change the background color of an element to Hex 821015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#821015 }
```

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

```
.background{ background-color:#821015 }
```

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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