

Converting Colors

Hex(820011)

Have a look what the booklet for
Hex(820011) contains.

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Color

Hex(820011)

Conversions

Conversions Part 1

Format	Color
Hex	820011
RGB	130, 0, 17
RGB Percent	51%, 0%, 7%
CMY	0.4902, 1.0000, 0.9333
CMYK	0.00, 1.00, 0.87, 0.49
HSL	352°, 100%, 25%
HSV	352°, 100%, 51%
XYZ	9.3071, 4.7863, 0.9636
YIQ	40.8080, 72.0230, 32.8470

Conversions

Conversions Part 2

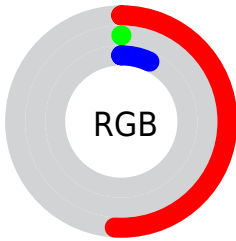
Format	Color
RYB	130, 0, 17
Decimal	8519697
CIELab	26.12, 48.92, 31.25
CIELCh	26, 58.048, 32.567
Yxy	4.7863, 0.6181, 0.3179
Android (android.graphics.Color)	4286709777 (0xFF820011)
YUV	40.8080, -11.7373, 78.2214
Hunter-Lab	21.8776, 37.6511, 12.7028

Details

The Hex color **820011** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **008271**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **BE433C**, and **470000** is the 20% darker color. If you saturate the color by 10%, you get **820011**, and if you desaturate by 10%, it is **820D1C**.

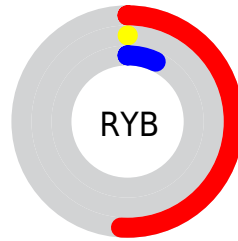
Distribution



Red (51%)

Green (0%)

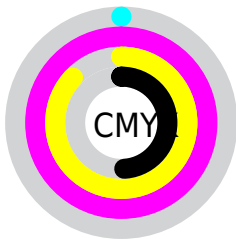
Blue (7%)



Red (51%)

Yellow (0%)

Blue (7%)

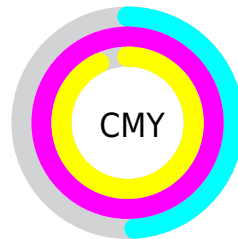


Cyan (0%)

Magenta (100%)

Yellow (87%)

Black (49%)



Cyan (49%)

Magenta (100%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 820011 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 820011 by changing the saturation by 10% instead.

 820011

 820011

 FFFFF2

 650000

 BE433C

 470000

 DD5E53

 2C0001

 FC796C

 000000

 FF9485

 FFB09F

 FFCDBA

 FFE9D6

 820011

 820D1C

 821A28

 822733

 82343E

 82414A

 824E55

 825B60

 82686B

 827577

Harmonies

Analogous

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



87003C



820011



6C2A00

Triad

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



820011



004D10



004398

Complementary

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



820011



008271

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.



004D8D



820011



004F41

Square

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



820011



1A4800



004F6D



3A2F8A

Rectangle

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



820011



563800



004F6D



004797

Sweetspot

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



820011



A8767C



710082



54363A



D4D4D4



545454

Same Dimension

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



820011



A80016



823000



40393A



800011



000000

Inverse Universe

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



820011



A80016



005282



40393A



800011



000000

Previews

White Background



This preview shows how the Hex color 820011 looks on a white background.

Color Contrast Check

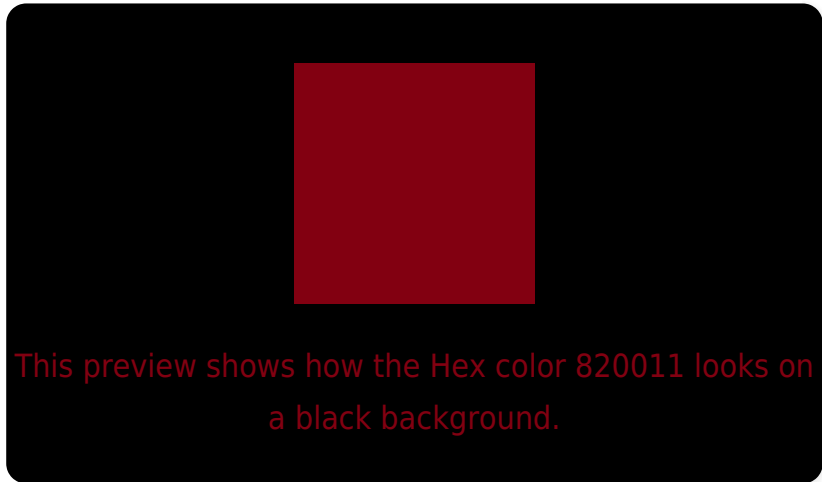
Large Text (above 18pt) WCAG AA ✓ Pass

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 820011 Background



This preview shows how black text looks on a background with the Hex color 820011.



This preview shows how white text looks on a background with the Hex color 820011.

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
820011

Protanopia
49421D

Deuteranopia
533E00



Tritanopia
810C00

Trichromacy



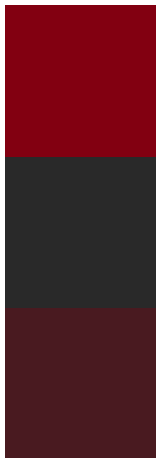
Original Color
820011

Protanomaly
5E2A19

Deuteranomaly
642706

Tritanomaly
810806

Monochromacy



Original Color
820011

Achromatopsia
292929

Achromatomaly
491A20

CSS Examples

Text

The CSS property to change the color of the text to Hex 820011 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 #820011 looks like.

```
.text, #text, p{  
    color:#820011  
}
```

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 #820011 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #820011
}
```

Border

The CSS property to change the border of an element to Hex 820011 is called "border". The border property can be set on classes, ids or directly on the HTML element.

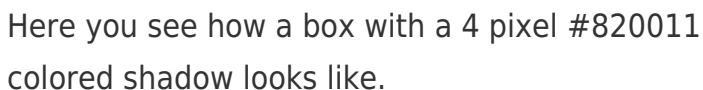
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#820011 }
```

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

```
.border{ border-color:#820011 }
```

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



Here you see how a box with a 4 pixel #820011 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #820011; -webkit-box-shadow:4px 4px  
4px 4px #820011; box-shadow:4px 4px 4px  
4px #820011 }
```

Background

The CSS property to change the background color of an element to Hex 820011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#820011 }
```

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

```
.background{ background-color:#820011 }
```

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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