

Converting Colors

Hex(820028)

Have a look what the booklet for
Hex(820028) contains.

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Color

Hex(820028)

Conversions

Conversions Part 1

Format	Color
Hex	820028
RGB	130, 0, 40
RGB Percent	51%, 0%, 16%
CMY	0.4902, 1.0000, 0.8431
CMYK	0.00, 1.00, 0.69, 0.49
HSL	342°, 100%, 25%
HSV	342°, 100%, 51%
XYZ	9.5889, 4.8990, 2.4477
YIQ	43.4300, 64.6400, 40.0000

Conversions

Conversions Part 2

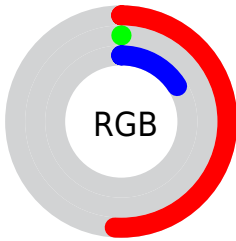
Format	Color
RYB	130, 0, 40
Decimal	8519720
CIELab	26.45, 49.81, 16.74
CIELCh	26, 52.546, 18.572
Yxy	4.8990, 0.5662, 0.2893
Android (android.graphics.Color)	4286709800 (0xFF820028)
YUV	43.4300, -1.6910, 75.9219
Hunter-Lab	22.1337, 38.5969, 8.9369

Details

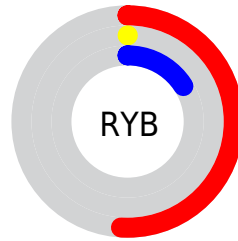
The Hex color **820028** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **00825A**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **BD4455**, and **490000** is the 20% darker color. If you saturate the color by 10%, you get **820028**, and if you desaturate by 10%, it is **820D31**.

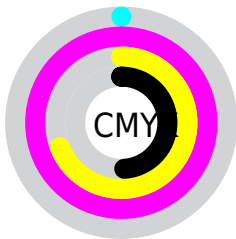
Distribution



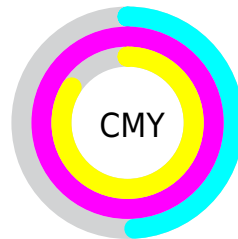
- Red (51%)
- Green (0%)
- Blue (16%)



- Red (51%)
- Yellow (0%)
- Blue (16%)



- Cyan (0%)
- Magenta (100%)
- Yellow (69%)
- Black (49%)



- Cyan (49%)
- Magenta (100%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 820028 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 820028 by changing the saturation by 10% instead.

 820028

 820028

FFFFFF

 650014

 BD4455

 490000

 DB5F6D

 2E0002

 FA7A86

 000000

 FF95A0

 FFB1BB

 FFCED7

 FFEBF3

 820028

 820D31

 821A3A

 822743

 82344C

 824155

 824E5E

 825B67

 826870

 827579

Harmonies

Analogous

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



7C0150



820028



752200

Triad

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



820028



004B00



00488E

Complementary

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



820028



00825A

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.



004E7B



820028



004E2D

Square

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



820028



374400



004F57



003B8C

Rectangle

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



820028



643100



004F57



004B8A

Sweetspot

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



820028



A87685



590082



54363F



D4D4D4



545454

Same Dimension

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



820028



A80034



821800



40393B



800027



000000

Inverse Universe

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



820028



A80034



006A82



40393B



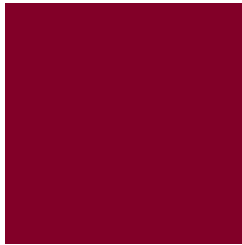
800027



000000

Previews

White Background



This preview shows how the Hex color 820028 looks on a white background.

Color Contrast Check

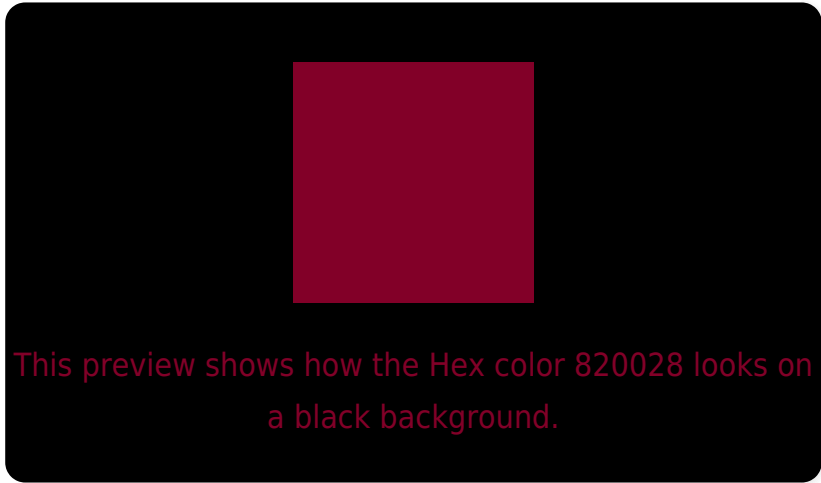
Large Text (above 18pt) WCAG AA ✓ Pass

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

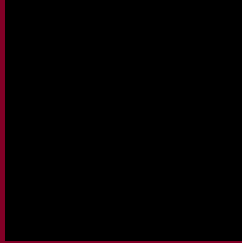
Any Text WCAG AA × Fail

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 820028 Background



This preview shows how black text looks on a background with the Hex color 820028.



This preview shows how white text looks on a background with the Hex color 820028.

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
820028

Protanopia
45423B

Deuteranopia
513F22



Tritanopia
81100D

Trichromacy



Original Color
820028

Protanomaly
5B2A34

Deuteranomaly
632824

Tritanomaly
810A17

Monochromacy



Original Color
820028

Achromatopsia
2B2B2B

Achromatomaly
4B1B2A

CSS Examples

Text

The CSS property to change the color of the text to Hex 820028 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 #820028 looks like.

```
.text, #text, p{  
    color:#820028  
}
```

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 #820028 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #820028
}
```

Border

The CSS property to change the border of an element to Hex 820028 is called "border". The border property can be set on classes, ids or directly on the HTML element.

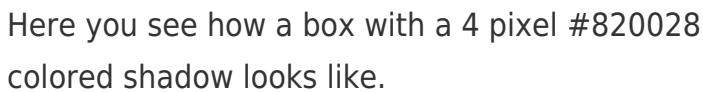
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#820028 }
```

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

```
.border{ border-color:#820028 }
```

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



Here you see how a box with a 4 pixel #820028 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #820028; -webkit-box-shadow:4px 4px  
4px 4px #820028; box-shadow:4px 4px 4px  
4px #820028 }
```

Background

The CSS property to change the background color of an element to Hex 820028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#820028 }
```

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

```
.background{ background-color:#820028 }
```

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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