

Converting Colors

Hex(820024)

Have a look what the booklet for
Hex(820024) contains.

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Color

Hex(820024)

Conversions

Conversions Part 1

Format	Color
Hex	820024
RGB	130, 0, 36
RGB Percent	51%, 0%, 14%
CMY	0.4902, 1.0000, 0.8588
CMYK	0.00, 1.00, 0.72, 0.49
HSL	343°, 100%, 25%
HSV	343°, 100%, 51%
XYZ	9.5244, 4.8732, 2.1077
YIQ	42.9740, 65.9240, 38.7560

Conversions

Conversions Part 2

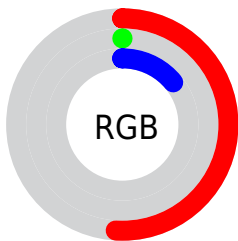
Format	Color
R_YB	130, 0, 36
Decimal	8519716
CIE Lab	26.37, 49.61, 19.35
CIE LCh	26, 53.249, 21.310
Yxy	4.8732, 0.5770, 0.2953
Android (android.graphics.Color)	4286709796 (0xFF820024)
YUV	42.9740, -3.4382, 76.3218
Hunter-Lab	22.0753, 38.3817, 9.7919

Details

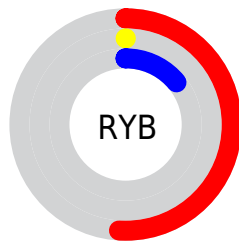
The Hex color **820024** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **00825E**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **BD4450**, and **490000** is the 20% darker color. If you saturate the color by 10%, you get **820024**, and if you desaturate by 10%, it is **820D2D**.

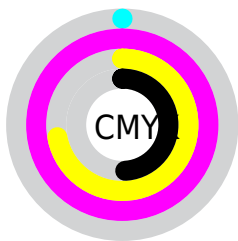
Distribution



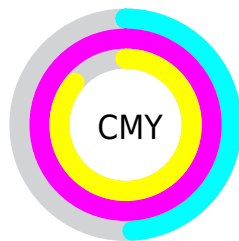
- Red (51%)
- Green (0%)
- Blue (14%)



- Red (51%)
- Yellow (0%)
- Blue (14%)



- Cyan (0%)
- Magenta (100%)
- Yellow (72%)
- Black (49%)



- Cyan (49%)
- Magenta (100%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 820024 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 820024 by changing the saturation by 10% instead.

 820024

 820024

FFFFFF

 650010

 BD4450

 490000

 DB5F68

 2E0002

 FA7A81

 000000

 FF959B

 FFB1B6

 FFCDD2

 FFEAEE

 820024

 820D2D

 821A37

 822740

 82344A

 824153

 824E5C

 825B66

 82686F

 827579

Harmonies

Analogous

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



7E004C



820024



732400

Triad

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



820024



004B01



004790

Complementary

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



820024



00825E

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.



004E7E



820024



004E31

Square

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



820024



324500



004F5B



0A398B

Rectangle

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



820024



623300



004F5B



004A8C

Sweetspot

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



820024



A87684



5D0082



54363E



D4D4D4



545454

Same Dimension

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



820024



A8002F



821C00



40393B



800023



000000

Inverse Universe

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



820024



A8002F



006682



40393B



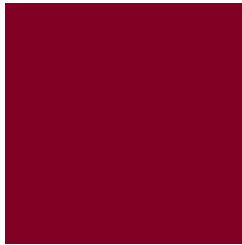
800023



000000

Previews

White Background



This preview shows how the Hex color 820024 looks on a white background.

Color Contrast Check

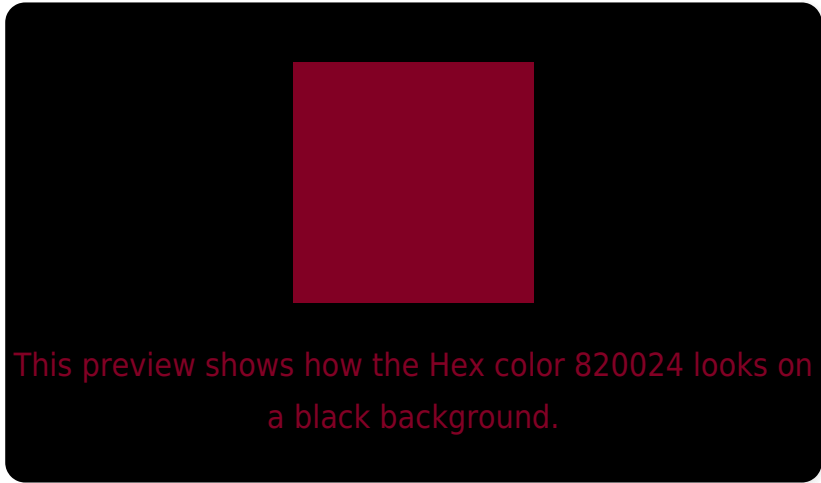
Large Text (above 18pt) WCAG AA ✓ Pass

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 820024 Background



This preview shows how black text looks on a background with the Hex color 820024.



This preview shows how white text looks on a background with the Hex color 820024.

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
820024

Protanopia
464236

Deuteranopia
523F1D

Trichromacy



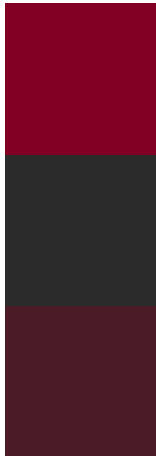
Original Color
820024

Protanomaly
5C2A2F

Deuteranomaly
632820

Tritanomaly
810A14

Monochromacy



Original Color
820024

Achromatopsia
2B2B2B

Achromatomaly
4B1B28

CSS Examples

Text

The CSS property to change the color of the text to Hex 820024 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 #820024 looks like.

```
.text, #text, p{  
    color:#820024  
}
```

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 #820024 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #820024
}
```

Border

The CSS property to change the border of an element to Hex 820024 is called "border". The border property can be set on classes, ids or directly on the HTML element.

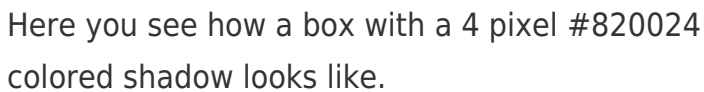
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#820024 }
```

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

```
.border{ border-color:#820024 }
```

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



Here you see how a box with a 4 pixel #820024 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #820024; -webkit-box-shadow:4px 4px  
4px 4px #820024; box-shadow:4px 4px 4px  
4px #820024 }
```

Background

The CSS property to change the background color of an element to Hex 820024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#820024 }
```

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

```
.background{ background-color:#820024 }
```

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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