

Converting Colors

Hex(82021D)

Have a look what the booklet for
Hex(82021D) contains.

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Color

Hex(82021D)

Conversions

Conversions Part 1

Format	Color
Hex	82021D
RGB	130, 2, 29
RGB Percent	51%, 1%, 11%
CMY	0.4902, 0.9922, 0.8863
CMYK	0.00, 0.98, 0.78, 0.49
HSL	347°, 97%, 26%
HSV	347°, 98%, 51%
XYZ	9.4494, 4.8780, 1.6059
YIQ	43.3500, 67.6210, 35.5330

Conversions

Conversions Part 2

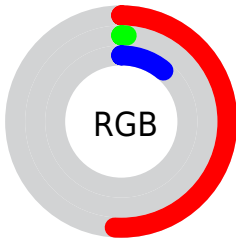
Format	Color
R_{YB}	130, 2, 29
Decimal	8520221
CIE _{Lab}	26.38, 48.94, 24.03
CIE _{LCh}	26, 54.519, 26.151
Yxy	4.8780, 0.5931, 0.3061
Android (android.graphics.Color)	4286710301 (0xFF82021D)
YUV	43.3500, -7.0745, 75.9921
Hunter-Lab	22.0861, 37.7195, 11.1492

Details

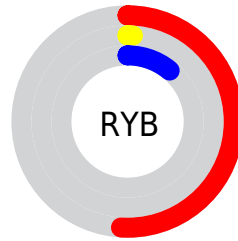
The Hex color **82021D** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **028267**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **BE4449**, and **480000** is the 20% darker color. If you saturate the color by 10%, you get **82001B**, and if you desaturate by 10%, it is **820F27**.

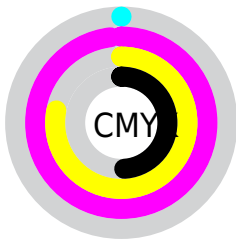
Distribution



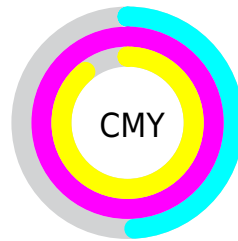
- Red (51%)
- Green (1%)
- Blue (11%)



- Red (51%)
- Yellow (1%)
- Blue (11%)



- Cyan (0%)
- Magenta (98%)
- Yellow (78%)
- Black (49%)



- Cyan (49%)
- Magenta (99%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82021D 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 82021D by changing the saturation by 10% instead.

 82021D

 82021D

FFFFFF

 650005

 BE4449

 480000

 DC5F60

 2D0001

 FB7A79

 000000

 FF9693

 FFB1AD

 FFCEC9

 FFEBE5

 82021D

 82021D

■ 82001B

■ 820F27

■ 821C32

■ 82293C

■ 823646

■ 824350

■ 82505B

■ 825D65

■ 826A6F

■ 827779

Harmonies

Analogous

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



820046



82021D



702700

Triad

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



82021D



004C08



004693

Complementary

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



82021D



028267

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.



004D84



82021D



004F38

Square

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



82021D



2A4600



004F62



26368A

Rectangle

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



82021D



5D3600



004F62



004990

Sweetspot

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



82021D



A87680



660282



54363C



D4D4D4



545454

Same Dimension

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



82021D



A80024



822602



40393B



80001B



000000

Inverse Universe

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



82021D



A80024



025E82



40393B



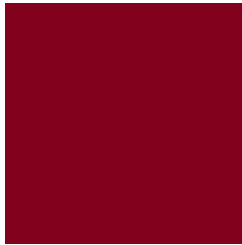
80001B



000000

Previews

White Background



This preview shows how the Hex color 82021D looks on a white background.

Color Contrast Check

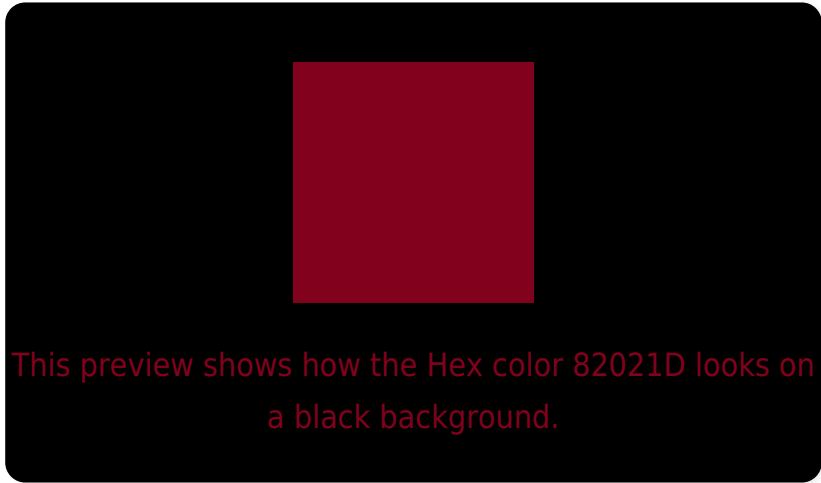
Large Text (above 18pt) WCAG AA ✓ Pass

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 82021D Background



This preview shows how black text looks on a background with the Hex color 82021D.



This preview shows how white text looks on a background with the Hex color 82021D.

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
82021D

Protanopia
47422C

Deuteranopia
533F15



Tritanopia
820C06

Trichromacy



Original Color
82021D

Protanomaly
5C2B27

Deuteranomaly
642918

Tritanomaly
82080E

Monochromacy



Original Color
82021D

Achromatopsia
2B2B2B

Achromatomaly
4B1C26

CSS Examples

Text

The CSS property to change the color of the text to Hex 82021D 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 #82021D looks like.

```
.text, #text, p{  
    color:#82021D  
}
```

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 #82021D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82021D
}
```

Border

The CSS property to change the border of an element to Hex 82021D is called "border". The border property can be set on classes, ids or directly on the HTML element.

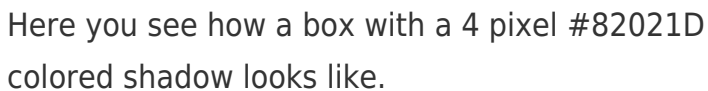
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#82021D }
```

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

```
.border{ border-color:#82021D }
```

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



Here you see how a box with a 4 pixel #82021D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82021D; -webkit-box-shadow:4px 4px  
4px 4px #82021D; box-shadow:4px 4px 4px  
4px #82021D }
```

Background

The CSS property to change the background color of an element to Hex 82021D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82021D }
```

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

```
.background{ background-color:#82021D }
```

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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