

Converting Colors

Hex(820082)

Have a look what the booklet for
Hex(820082) contains.

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Color

Hex(820082)

Conversions

Conversions Part 1

Format	Color
Hex	820082
RGB	130, 0, 130
RGB Percent	51%, 0%, 51%
CMY	0.4902, 1.0000, 0.4902
CMYK	0.00, 1.00, 0.00, 0.49
HSL	300°, 100%, 25%
HSV	300°, 100%, 51%
XYZ	13.2352, 6.3575, 21.6486
YIQ	53.6900, 35.7500, 67.9900

Conversions

Conversions Part 2

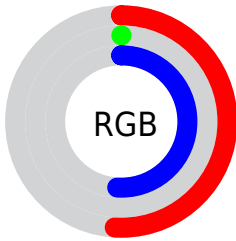
Format	Color
R_{YB}	130, 0, 130
Decimal	8519810
CIE _{Lab}	30.30, 59.60, -36.91
CIE _{LCh}	30, 70.105, 328.233
Yxy	6.3575, 0.3209, 0.1542
Android (android.graphics.Color)	4286709890 (0xFF820082)
YUV	53.6900, 37.6208, 66.9239
Hunter-Lab	25.2141, 49.5719, -33.2560

Details

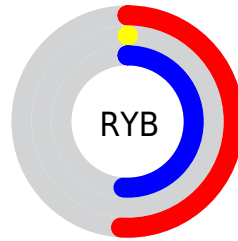
The Hex color **820082** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **008200**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **BA49B8**, and **4C0050** is the 20% darker color. If you saturate the color by 10%, you get **820082**, and if you desaturate by 10%, it is **820D82**.

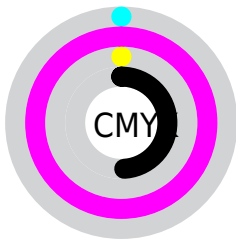
Distribution



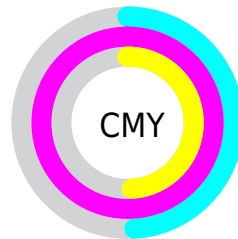
- Red (51%)
- Green (0%)
- Blue (51%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 820082 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 820082 by changing the saturation by 10% instead.

 820082

 820082

FFFFFF

 670068

 BA49B8

 4C0050

 D765D3

 340039

 F580F0

 130022

 FF9CFF

 000007

 FFB8FF

 000000

 FFD5FF

 FFF2FF

 820082

 820D82

 821A82

 822782

 823482

 824182

 824E82

 825B82

 826882

 827582

Harmonies

Analogous

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



273AAA



820082



9F004D

Triad

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



820082



5B4500



005C7A

Complementary

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



820082



008200

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.



005C43



820082



225200

Square

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



820082



832900



005900



005AA5

Rectangle

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



820082



A0002A



005900



005C68

Sweetspot

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



820082



A876A8



000082



543654



D4D4D4



545454

Same Dimension

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



820082



A800A8



820041



403940



800080



000000

Inverse Universe

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



820082



A800A8



008241



403940



800080



000000

Previews

White Background



This preview shows how the Hex color 820082 looks on a white background.

Color Contrast Check

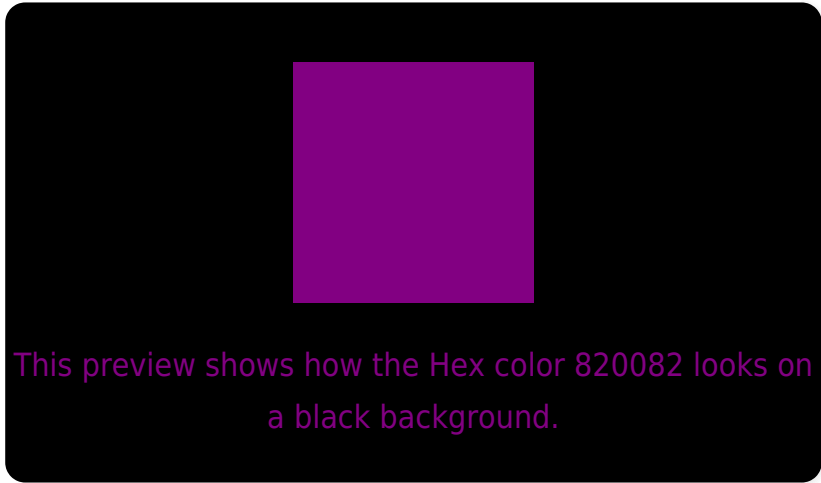
Large Text (above 18pt) WCAG AA ✓ Pass

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

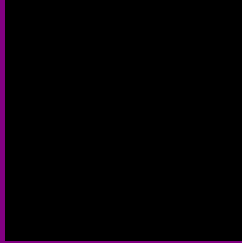
Any Text WCAG AA × Fail

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 820082 Background



This preview shows how black text looks on a background with the Hex color 820082.

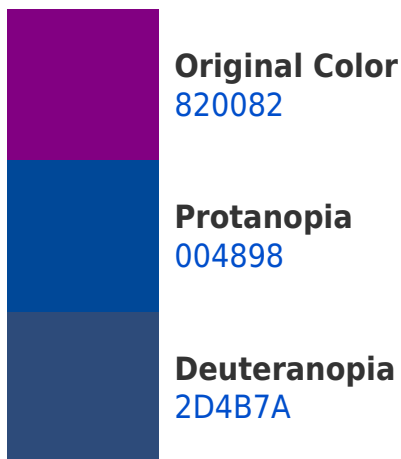



This preview shows how white text looks on a background with the Hex color 820082.

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





Tritanopia
7A3336

Trichromacy



Original Color
820082

Protanomaly
2F2E90

Deuteranomaly
4C307D

Tritanomaly
7D2052

Monochromacy



Original Color
820082

Achromatopsia
363636

Achromatomaly
522252

CSS Examples

Text

The CSS property to change the color of the text to Hex 820082 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 #820082 looks like.

```
.text, #text, p{  
    color:#820082  
}
```

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 #820082 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #820082
}
```

Border

The CSS property to change the border of an element to Hex 820082 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
#820082 }
```

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

```
.border{ border-color:#820082 }
```

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

Here you see how a box with a 4 pixel #820082 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #820082; -webkit-box-shadow:4px 4px  
4px 4px #820082; box-shadow:4px 4px 4px  
4px #820082 }
```

Background

The CSS property to change the background color of an element to Hex 820082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#820082 }
```

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

```
.background{ background-color:#820082 }
```

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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