

Converting Colors

Hex(82177D)

Have a look what the booklet for
Hex(82177D) contains.

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Color

Hex(82177D)

Conversions

Conversions Part 1

Format	Color
Hex	82177D
RGB	130, 23, 125
RGB Percent	51%, 9%, 49%
CMY	0.4902, 0.9098, 0.5098
CMYK	0.00, 0.82, 0.04, 0.49
HSL	303°, 70%, 30%
HSV	303°, 82%, 51%
XYZ	13.2140, 6.8393, 20.0257
YIQ	66.6210, 31.0300, 54.4060

Conversions

Conversions Part 2

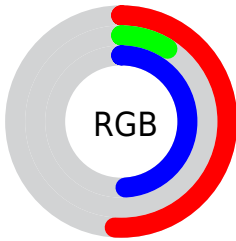
Format	Color
R _Y B	130, 23, 125
Decimal	8525693
CIE Lab	31.44, 54.55, -31.95
CIE LCh	31, 63.214, 329.642
Yxy	6.8393, 0.3297, 0.1706
Android (android.graphics.Color)	4286715773 (0xFF82177D)
YUV	66.6210, 28.7808, 55.5834
Hunter-Lab	26.1520, 44.4257, -27.0944

Details

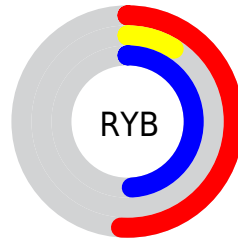
The Hex color **82177D** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **17821C**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **BA52B2**, and **4C004B** is the 20% darker color. If you saturate the color by 10%, you get **820A7C**, and if you desaturate by 10%, it is **82247E**.

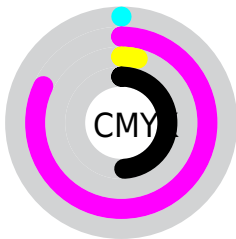
Distribution



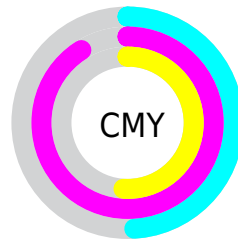
- Red (51%)
- Green (9%)
- Blue (49%)



- Red (51%)
- Yellow (9%)
- Blue (49%)



- Cyan (0%)
- Magenta (82%)
- Yellow (4%)
- Black (49%)



- Cyan (49%)
- Magenta (91%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82177D 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 82177D by changing the saturation by 10% instead.

 82177D

 82177D

FFFFFF

 670064

 BA52B2

 4C004B

 D76DCE

 350034

 F488EA

 16001E

 FFA4FF

 000000

 FFC0FF

 FFDDFF

 FFFAFF

 82177D

 82177D

■ 820A7C

■ 82247E

■ 82007C

■ 82317E

■ 823E7F

■ 824B7F

■ 825880

■ 826581

■ 827281

■ 827F82

■ 828C82

Harmonies

Analogous

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



3B3DA2



82177D



9B004D

Triad

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



82177D



5C4800



005E7A

Complementary

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



82177D



17821C

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.



005D48



82177D



2A5500

Square

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



82177D



813100



005B10



005BA0

Rectangle

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



82177D



9C002D



005B10



005E6A

Sweetspot

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



82177D



A87EA6



1B1782



543B53



D4D4D4



545454

Same Dimension

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



82177D



A802A1



821749



40393F



80007A



000000

Inverse Universe

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



82177D



A802A1



178250



40393F



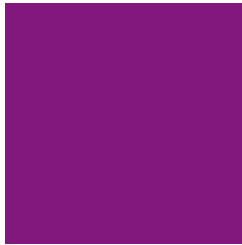
80007A



000000

Previews

White Background



This preview shows how the Hex color 82177D 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

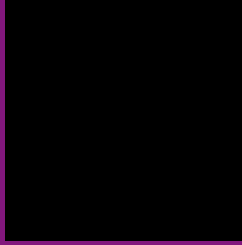
Any Text WCAG AA × Fail

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 82177D Background



This preview shows how black text looks on a background with the Hex color 82177D.

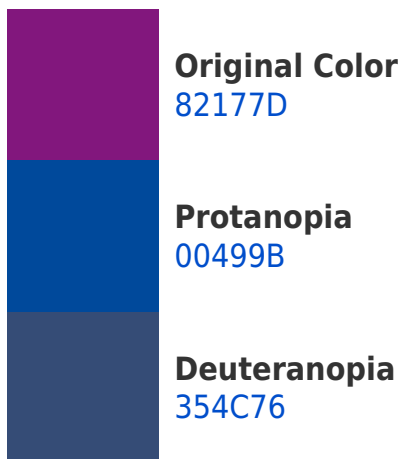



This preview shows how white text looks on a background with the Hex color 82177D.

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
7B3538

Trichromacy



Original Color
82177D



Protanomaly
2F3790



Deuteranomaly
513979



Tritanomaly
7E2A51

Monochromacy



Original Color
82177D



Achromatopsia
434343



Achromatomaly
5A3358

CSS Examples

Text

The CSS property to change the color of the text to Hex 82177D 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 #82177D looks like.

```
.text, #text, p{  
    color:#82177D  
}
```

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 #82177D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82177D
}
```

Border

The CSS property to change the border of an element to Hex 82177D 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
#82177D }
```

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

```
.border{ border-color:#82177D }
```

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

Here you see how a box with a 4 pixel #82177D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82177D; -webkit-box-shadow:4px 4px  
4px 4px #82177D; box-shadow:4px 4px 4px  
4px #82177D }
```

Background

The CSS property to change the background color of an element to Hex 82177D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82177D }
```

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

```
.background{ background-color:#82177D }
```

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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