

Converting Colors

Hex(812772)

Have a look what the booklet for
Hex(812772) contains.

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Color

Hex(812772)

Conversions

Conversions Part 1

Format	Color
Hex	812772
RGB	129, 39, 114
RGB Percent	51%, 15%, 45%
CMY	0.4941, 0.8471, 0.5529
CMYK	0.00, 0.70, 0.12, 0.49
HSL	310°, 54%, 33%
HSV	310°, 70%, 51%
XYZ	12.8160, 7.3331, 16.6595
YIQ	74.4600, 29.5650, 42.4050

Conversions

Conversions Part 2

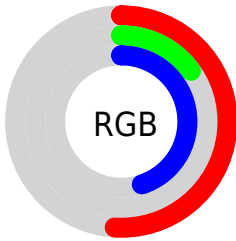
Format	Color
R_{YB}	129, 39, 114
Decimal	8464242
CIE _{Lab}	32.55, 47.11, -23.26
CIE _{LCh}	33, 52.540, 333.726
Yxy	7.3331, 0.3482, 0.1992
Android (android.graphics.Color)	4286654322 (0xFF812772)
YUV	74.4600, 19.4932, 47.8316
Hunter-Lab	27.0796, 37.0897, -17.5198

Details

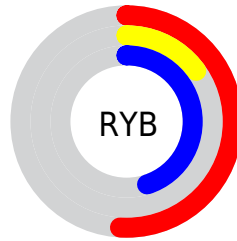
The Hex color **812772** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **278136**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **B85CA6**, and **4C0042** is the 20% darker color. If you saturate the color by 10%, you get **811A70**, and if you desaturate by 10%, it is **813474**.

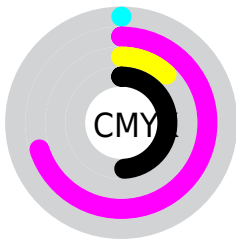
Distribution



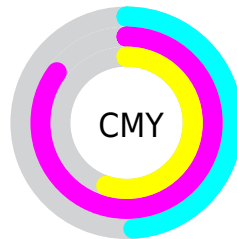
- Red (51%)
- Green (15%)
- Blue (45%)



- Red (51%)
- Yellow (15%)
- Blue (45%)



- Cyan (0%)
- Magenta (70%)
- Yellow (12%)
- Black (49%)



- Cyan (49%)
- Magenta (85%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 812772 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 812772 by changing the saturation by 10% instead.

812772

812772

FFFFFF

660559

B85CA6

4C0042

D576C1

34002B

F291DD

160016

FFADFA

000000

FFC9FF

FFE6FF

812772

812772

811A70

813474

■ 810D6E

■ 814176

■ 81006C

■ 814E78

■ 81006B

■ 815B7B

■ 81687D

■ 81747F

■ 818181

■ 818E83

■ 819B85

Harmonies

Analogous

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



503F92



812772



931749

Triad

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



812772



594D00



005E7A

Complementary

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



812772



278136

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.



005E51



812772



2E5700

Square

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



812772



7A3C00



005C25



005A97

Rectangle

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



812772



931E2E



005C25



005F6D

Sweetspot

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



812772



A885A2



362781



543F51



D4D4D4



545454

Same Dimension

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



812772



A81B91



812745



40393F



80006A



000000

Inverse Universe

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



812772



A81B91



278163



40393F



80006A



000000

Previews

White Background



This preview shows how the Hex color 812772 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

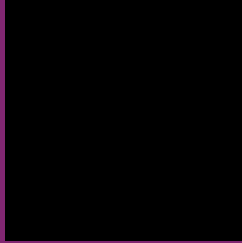
Any Text WCAG AA × Fail

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 812772 Background



This preview shows how black text looks on a background with the Hex color 812772.




This preview shows how white text looks on a background with the Hex color 812772.

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
7C383C

Trichromacy



Original Color
812772

Protanomaly
493E86

Deuteranomaly
5A3F6E

Tritanomaly
7E3250

Monochromacy



Original Color
812772

Achromatopsia
4A4A4A

Achromatomaly
5E3D59

CSS Examples

Text

The CSS property to change the color of the text to Hex 812772 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 #812772 looks like.

```
.text, #text, p{  
    color:#812772  
}
```

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 #812772 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #812772  
}
```

Border

The CSS property to change the border of an element to Hex 812772 is called "border". The border property can be set on classes, ids or directly on the HTML element.

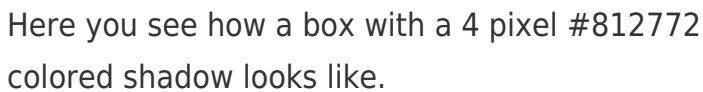
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#812772 }
```

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

```
.border{ border-color:#812772 }
```

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



Here you see how a box with a 4 pixel #812772 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #812772; -webkit-box-shadow:4px 4px  
4px 4px #812772; box-shadow:4px 4px 4px  
4px #812772 }
```

Background

The CSS property to change the background color of an element to Hex 812772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#812772 }
```

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

```
.background{ background-color:#812772 }
```

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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