

Converting Colors

Hex(820772)

Have a look what the booklet for
Hex(820772) contains.

Hex(820772)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(820772)

Conversions

Conversions Part 1

Format	Color
Hex	820772
RGB	130, 7, 114
RGB Percent	51%, 3%, 45%
CMY	0.4902, 0.9725, 0.5529
CMYK	0.00, 0.95, 0.12, 0.49
HSL	308°, 90%, 27%
HSV	308°, 95%, 51%
XYZ	12.3192, 6.1127, 16.4502
YIQ	55.9750, 38.9610, 59.3530

Conversions

Conversions Part 2

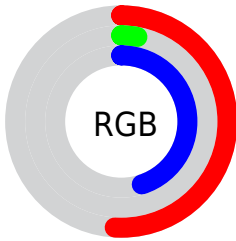
Format	Color
R _Y B	130, 7, 114
Decimal	8521586
CIE Lab	29.70, 56.08, -27.74
CIE LCh	30, 62.560, 333.682
Yxy	6.1127, 0.3532, 0.1752
Android (android.graphics.Color)	4286711666 (0xFF820772)
YUV	55.9750, 28.6063, 64.9199
Hunter-Lab	24.7239, 45.6745, -22.1423

Details

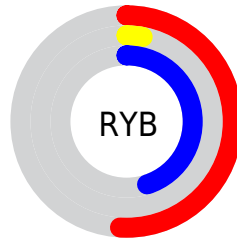
The Hex color **820772** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **078217**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **BA4AA6**, and **4C0041** is the 20% darker color. If you saturate the color by 10%, you get **820071**, and if you desaturate by 10%, it is **821474**.

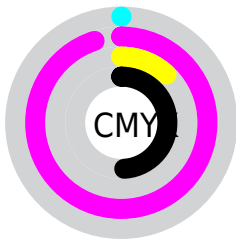
Distribution



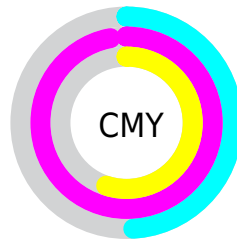
- Red (51%)
- Green (3%)
- Blue (45%)



- Red (51%)
- Yellow (3%)
- Blue (45%)



- Cyan (0%)
- Magenta (95%)
- Yellow (12%)
- Black (49%)



- Cyan (49%)
- Magenta (97%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 820772 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 820772 by changing the saturation by 10% instead.

 820772

 820772

FFFFFF

 670059

 BA4AA6

 4C0041

 D766C2

 35002B

 F581DE

 110015

 FF9DFA

 000000

 FFB9FF

 FFD6FF

 FFF3FF

 820772

 820772

■ 820071

■ 821474

■ 822175

■ 822E77

■ 823B79

■ 82487A

■ 82557C

■ 82627E

■ 826F80

■ 827C81

Harmonies

Analogous

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



453598



820772



970042

Triad

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



820772



514600



00597B

Complementary

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



820772



078217

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.



00594B



820772



1C5100

Square

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



820772



773100



005716



00569E

Rectangle

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



820772



950023



005716



00596C

Sweetspot

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



820772



A879A2



150782



543850



D4D4D4



545454

Same Dimension

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



820772



A80092



820736



40393F



80006F



000000

Inverse Universe

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



820772



A80092



078253



40393F



80006F



000000

Previews

White Background



This preview shows how the Hex color 820772 looks on a white background.

Color Contrast Check

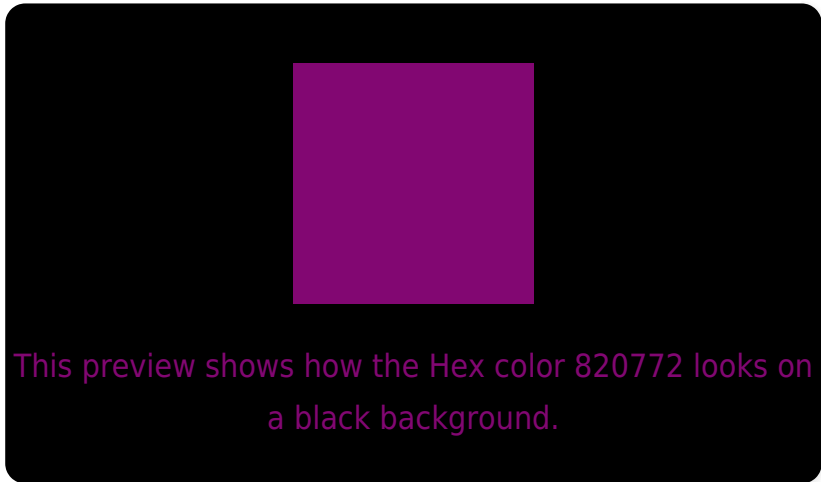
Large Text (above 18pt) WCAG AA ✓ Pass

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

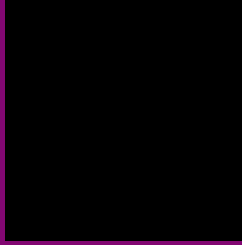
Any Text WCAG AA × Fail

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 820772 Background



This preview shows how black text looks on a background with the Hex color 820772.

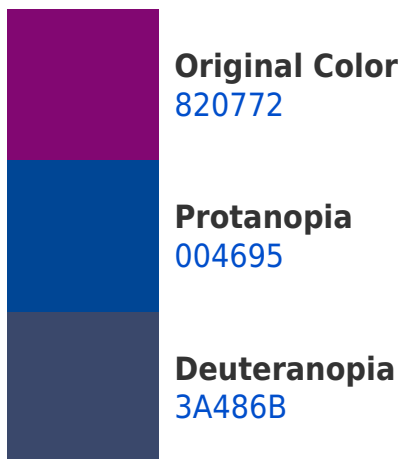


This preview shows how white text looks on a background with the Hex color 820772.

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



Trichromacy



Original Color

820772



Protanomaly

2F2F88



Deuteranomaly

54306E



Tritanomaly

7E1F48

Monochromacy



Original Color

820772



Achromatopsia

383838



Achromatomaly

53264D

CSS Examples

Text

The CSS property to change the color of the text to Hex 820772 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 #820772 looks like.

```
.text, #text, p{  
    color:#820772  
}
```

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 #820772 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #820772
}
```

Border

The CSS property to change the border of an element to Hex 820772 is called "border". The border property can be set on classes, ids or directly on the HTML element.

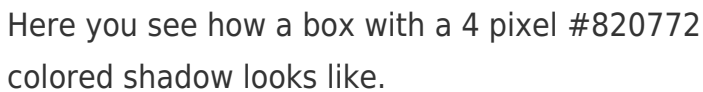
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#820772 }
```

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

```
.border{ border-color:#820772 }
```

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



Here you see how a box with a 4 pixel #820772 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #820772; -webkit-box-shadow:4px 4px  
4px 4px #820772; box-shadow:4px 4px 4px  
4px #820772 }
```

Background

The CSS property to change the background color of an element to Hex 820772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#820772 }
```

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

```
.background{ background-color:#820772 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor