

# Converting Colors

Hex(820770)

Have a look what the booklet for  
Hex(820770) contains.

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**Color**

**Hex(820770)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	820770
RGB	130, 7, 112
RGB Percent	51%, 3%, 44%
CMY	0.4902, 0.9725, 0.5608
CMYK	0.00, 0.95, 0.14, 0.49
HSL	309°, 90%, 27%
HSV	309°, 95%, 51%
XYZ	12.2065, 6.0676, 15.8570
YIQ	55.7470, 39.6030, 58.7310

# Conversions

## Conversions Part 2

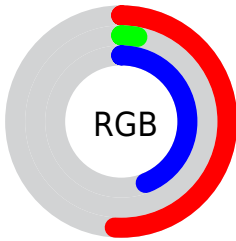
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 7, 112
Decimal	8521584
CIE Lab	29.58, 55.79, -26.63
CIE LCh	30, 61.819, 334.479
Yxy	6.0676, 0.3576, 0.1778
Android (android.graphics.Color)	4286711664 (0xFF820770)
YUV	55.7470, 27.7327, 65.1199
Hunter-Lab	24.6326, 45.3477, -20.9247

# Details

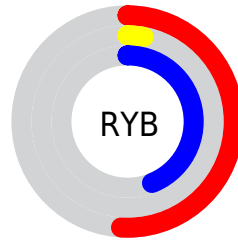
The Hex color **820770** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **078219**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **BA4AA4**, and **4C0040** is the 20% darker color. If you saturate the color by 10%, you get **82006F**, and if you desaturate by 10%, it is **821472**.

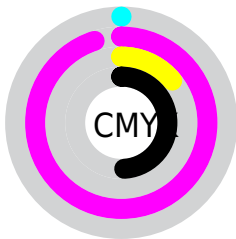
# Distribution



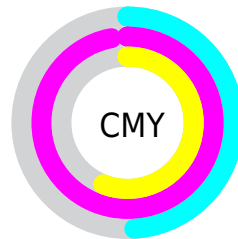
- Red (51%)
- Green (3%)
- Blue (44%)



- Red (51%)
- Yellow (3%)
- Blue (44%)



- Cyan (0%)
- Magenta (95%)
- Yellow (14%)
- Black (49%)



- Cyan (49%)
- Magenta (97%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 820770 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 820770 by changing the saturation by 10% instead.



 820770

 820770

FFFFFF

 670057

 BA4AA4

 4C0040

 D765BF

 35002A

 F581DB

 110013

 FF9DF8

 000000

 FFB9FF

 FFD5FF

 FFF3FF

 820770

 820770

■ 82006F

■ 821472

■ 822174

■ 822E76

■ 823B78

■ 82487A

■ 82557B

■ 82627D

■ 826F7F

■ 827C81

# Harmonies

## Analogous

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



483496



820770



960041

# Triad

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



820770



504600



00597B

# Complementary

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



820770



078219

# 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.



00594C



820770



1A5100

# Square

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



820770



763200



005618



00559D

# Rectangle

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



820770



940022



005618



00596D



# Sweetspot

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



820770



A879A1



170782



543850



D4D4D4



545454



# Same Dimension

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



820770



A80090



820734



40393F



80006D



000000



# Inverse Universe

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



820770



A80090



078255



40393F



80006D



000000



# Previews

## White Background



This preview shows how the Hex color 820770 looks on a white background.

## Color Contrast Check

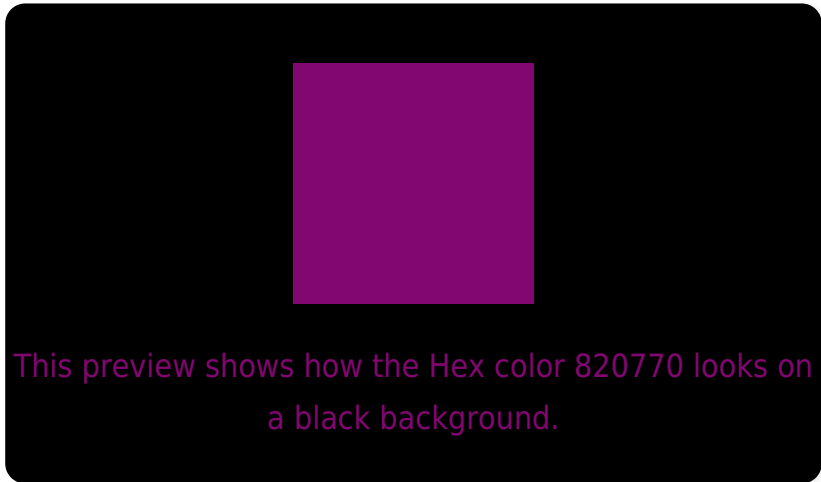
Large Text (above 18pt) WCAG AA ✓ Pass

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

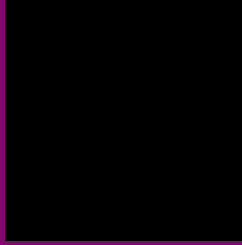
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 820770 Background



This preview shows how black text looks on a background with the Hex color 820770.



This preview shows how white text looks on a background with the Hex color 820770.

# 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

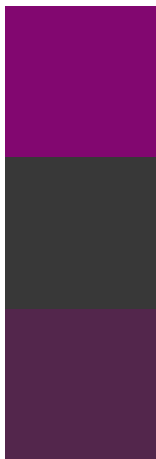


**Original Color**  
820770

**Deuteranomaly**  
55306C

**Tritanomaly**  
7E1F47

# Monochromacy



**Original Color**  
820770

**Achromatopsia**  
383838

**Achromatomaly**  
53264C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 820770 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 #820770 looks like.

```
.text, #text, p{  
    color:#820770  
}
```

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 #820770 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #820770
}
```

## Border

The CSS property to change the border of an element to Hex 820770 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
#820770 }
```

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

```
.border{ border-color:#820770 }
```

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

Here you see how a box with a 4 pixel #820770 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #820770; -webkit-box-shadow:4px 4px  
4px 4px #820770; box-shadow:4px 4px 4px  
4px #820770 }
```

# Background

The CSS property to change the background color of an element to Hex 820770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#820770 }
```

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

```
.background{ background-color:#820770 }
```

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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