

# Converting Colors

Hex(821770)

Have a look what the booklet for  
Hex(821770) contains.

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# Color

**Hex(821770)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	821770
RGB	130, 23, 112
RGB Percent	51%, 9%, 44%
CMY	0.4902, 0.9098, 0.5608
CMYK	0.00, 0.82, 0.14, 0.49
HSL	310°, 70%, 30%
HSV	310°, 82%, 51%
XYZ	12.4369, 6.5285, 15.9339
YIQ	65.1390, 35.2030, 50.3630

# Conversions

## Conversions Part 2

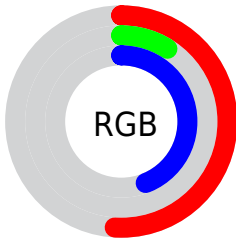
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 23, 112
Decimal	8525680
CIE <sub>Lab</sub>	30.71, 52.51, -24.86
CIE <sub>LCh</sub>	31, 58.100, 334.664
Yxy	6.5285, 0.3564, 0.1871
Android (android.graphics.Color)	4286715760 (0xFF821770)
YUV	65.1390, 23.1025, 56.8831
Hunter-Lab	25.5509, 42.1713, -19.0884

# Details

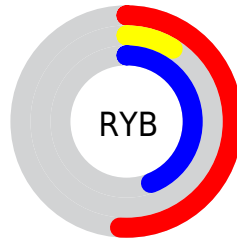
The Hex color **821770** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **178229**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **BA51A4**, and **4C0040** is the 20% darker color. If you saturate the color by 10%, you get **820A6E**, and if you desaturate by 10%, it is **822472**.

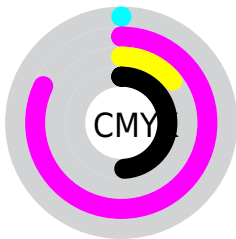
# Distribution



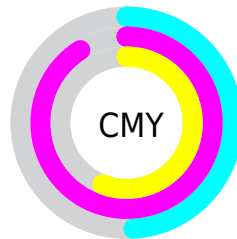
- Red (51%)
- Green (9%)
- Blue (44%)



- Red (51%)
- Yellow (9%)
- Blue (44%)



- Cyan (0%)
- Magenta (82%)
- Yellow (14%)
- Black (49%)



- Cyan (49%)
- Magenta (91%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 821770 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 821770 by changing the saturation by 10% instead.



 821770

 821770

FFFFFF

 670057

 BA51A4

 4C0040

 D76CBF

 35002A

 F487DB

 140013

 FFA3F8

 000000

 FFBFFF

 FFDCCF

 FFF9FF

 821770

 821770

■ 820A6E

■ 822472

■ 82006C

■ 823174

■ 823E77

■ 824B79

■ 82587B

■ 82657D

■ 82727F

■ 827F81

■ 828C84

# Harmonies

## Analogous

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



4D3894



821770



950043

# Triad

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



821770



534900



005B7B

# Complementary

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



821770



178229

# 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.



005B4E



821770



215300

# Square

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



821770



773600



00591E



00579B

# Rectangle

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



821770



930826



00591E



005B6D



# Sweetspot

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



821770



A87EA1



291782



543B50



D4D4D4



545454



# Same Dimension

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



821770



A8028C



82173B



40393F



80006A



000000



# Inverse Universe

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



821770



A8028C



17825E



40393F



80006A



000000



# Previews

## White Background



This preview shows how the Hex color 821770 looks on a white background.

## Color Contrast Check

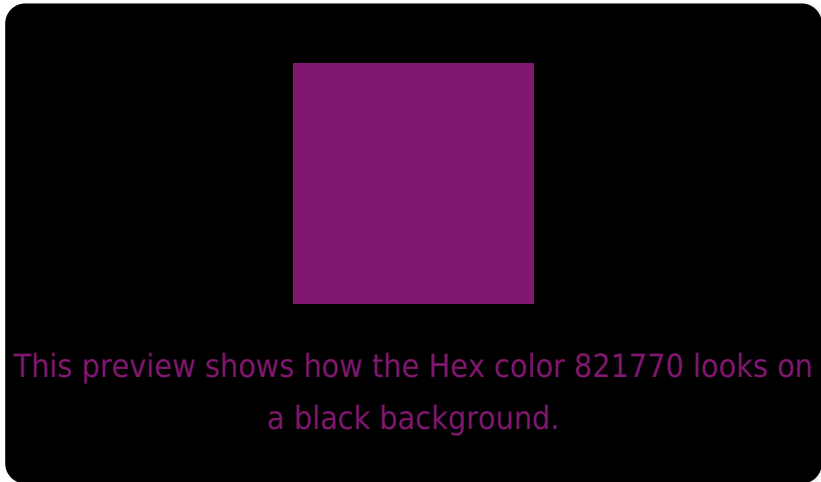
Large Text (above 18pt) WCAG AA ✓ Pass

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

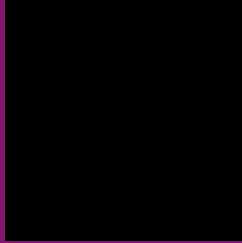
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 821770 Background



This preview shows how black text looks on a background with the Hex color 821770.



This preview shows how white text looks on a background with the Hex color 821770.

# 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



**Original Color**  
821770

**Protanopia**  
004798

**Deuteranopia**  
3E496A



# Trichromacy



**Original Color**  
821770



**Protanomaly**  
2F3689



**Deuteranomaly**  
57376C



**Tritanomaly**  
7E2749

# Monochromacy



**Original Color**  
821770



**Achromatopsia**  
414141



**Achromatomaly**  
593252

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 821770 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 #821770 looks like.

```
.text, #text, p{  
    color:#821770  
}
```

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 #821770 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #821770
}
```

## Border

The CSS property to change the border of an element to Hex 821770 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
#821770 }
```

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

```
.border{ border-color:#821770 }
```

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

Here you see how a box with a 4 pixel #821770 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #821770; -webkit-box-shadow:4px 4px  
4px 4px #821770; box-shadow:4px 4px 4px  
4px #821770 }
```

# Background

The CSS property to change the background color of an element to Hex 821770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#821770 }
```

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

```
.background{ background-color:#821770 }
```

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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