

# Converting Colors

Hex(821262)

Have a look what the booklet for  
Hex(821262) contains.

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# Color

**Hex(821262)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	821262
RGB	130, 18, 98
RGB Percent	51%, 7%, 38%
CMY	0.4902, 0.9294, 0.6157
CMYK	0.00, 0.86, 0.25, 0.49
HSL	317°, 76%, 29%
HSV	317°, 86%, 51%
XYZ	11.6268, 6.0603, 12.1122
YIQ	60.6080, 41.0720, 48.6240

# Conversions

## Conversions Part 2

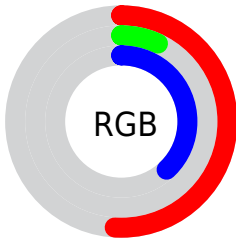
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 18, 98
Decimal	8524386
CIE <sub>Lab</sub>	29.56, 51.81, -17.63
CIE <sub>LCh</sub>	30, 54.726, 341.208
Yxy	6.0603, 0.3902, 0.2034
Android (android.graphics.Color)	4286714466 (0xFF821262)
YUV	60.6080, 18.4343, 60.8568
Hunter-Lab	24.6176, 41.2241, -11.9392

# Details

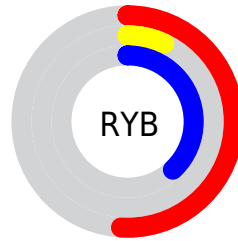
The Hex color **821262** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **128232**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **BA4E95**, and **4C0033** is the 20% darker color. If you saturate the color by 10%, you get **82055E**, and if you desaturate by 10%, it is **821F66**.

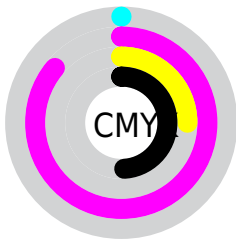
# Distribution



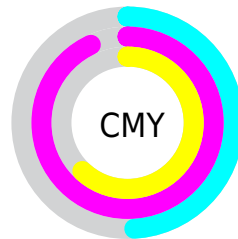
- Red (51%)
- Green (7%)
- Blue (38%)



- Red (51%)
- Yellow (7%)
- Blue (38%)



- Cyan (0%)
- Magenta (86%)
- Yellow (25%)
- Black (49%)



- Cyan (49%)
- Magenta (93%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 821262 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 821262 by changing the saturation by 10% instead.



 821262

 821262

FFFFFF

 67004A

 BA4E95

 4C0033

 D769B0

 35001F

 F584CB

 110000

 FF9FE7

 000000

 FFBBFF

 FFD8FF

 FFF5FF

 821262

 821262

■ 82055E

■ 821F66

■ 82005D

■ 822C69

■ 82396D

■ 824671

■ 825375

■ 826078

■ 826D7C

■ 827A80

■ 828783

# Harmonies

## Analogous

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



593186



821262



8E0138

# Triad

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



821262



484900



00577D

# Complementary

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



821262



128232

# 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.



005755



821262



105200

# Square

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



821262



6B3900



005628



005297

# Rectangle

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



821262



8A171C



005628



005771



# Sweetspot

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



821262



A87D9C



321282



543A4D



D4D4D4



545454



# Same Dimension

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



821262



A80078



82122A



40393E



80005B



000000



# Inverse Universe

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



821262



A80078



12826A



40393E



80005B

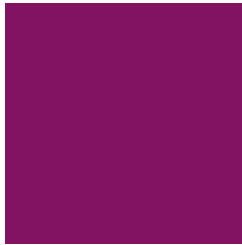


000000



# Previews

## White Background



This preview shows how the Hex color 821262 looks on a white background.

## Color Contrast Check

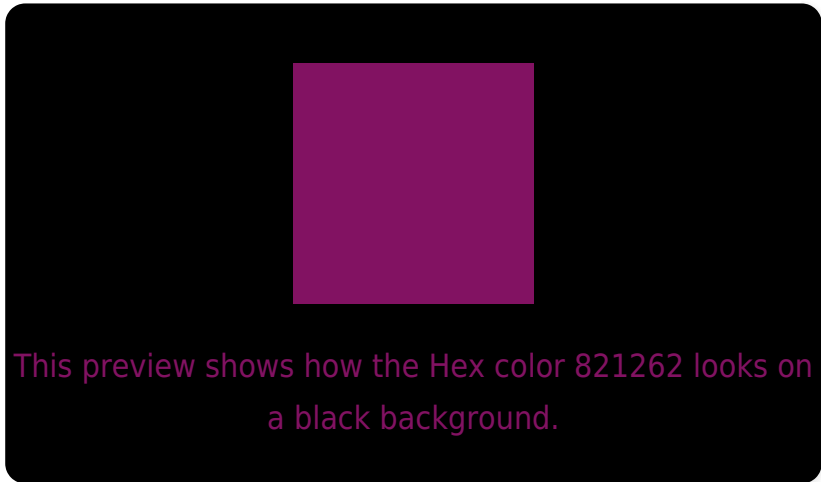
Large Text (above 18pt) WCAG AA ✓ Pass

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

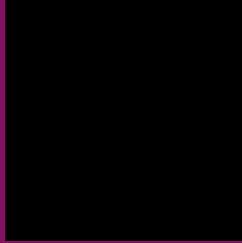
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 821262 Background



This preview shows how black text looks on a background with the Hex color 821262.

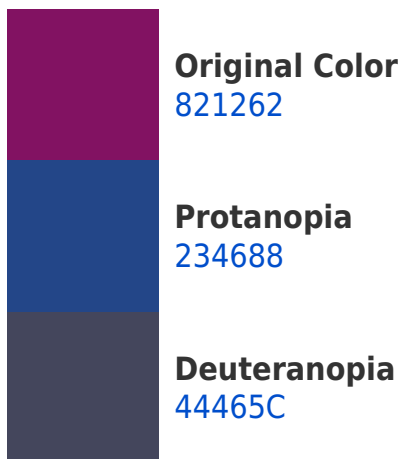


This preview shows how white text looks on a background with the Hex color 821262.

# 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**  
7E292C

# Trichromacy



**Original Color**  
821262

**Protanomaly**  
46337A

**Deuteranomaly**  
5B335E

**Tritanomaly**  
7F2140

# Monochromacy



**Original Color**  
821262

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
562D4A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 821262 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 #821262 looks like.

```
.text, #text, p{  
    color:#821262  
}
```

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 #821262 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #821262
}
```

## Border

The CSS property to change the border of an element to Hex 821262 is called "border". The border property can be set on classes, ids or directly on the HTML element.

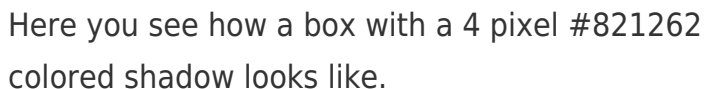
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#821262 }
```

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

```
.border{ border-color:#821262 }
```

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



Here you see how a box with a 4 pixel #821262 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #821262; -webkit-box-shadow:4px 4px  
4px 4px #821262; box-shadow:4px 4px 4px  
4px #821262 }
```

# Background

The CSS property to change the background color of an element to Hex 821262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#821262 }
```

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

```
.background{ background-color:#821262 }
```

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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