

# Converting Colors

Hex(822260)

Have a look what the booklet for  
Hex(822260) contains.

<b>Hex(822260)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(822260)**

# Conversions

## Conversions Part 1

Format	Color
Hex	822260
RGB	130, 34, 96
RGB Percent	51%, 13%, 38%
CMY	0.4902, 0.8667, 0.6235
CMYK	0.00, 0.74, 0.26, 0.49
HSL	321°, 59%, 32%
HSV	321°, 74%, 51%
XYZ	11.8893, 6.7344, 11.7396
YIQ	69.7720, 37.3140, 39.6340

# Conversions

## Conversions Part 2

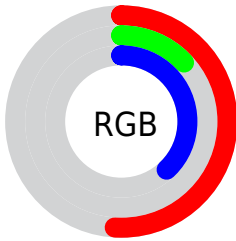
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 34, 96
Decimal	8528480
CIE <sub>Lab</sub>	31.19, 46.63, -13.82
CIE <sub>LCh</sub>	31, 48.639, 343.492
Yxy	6.7344, 0.3916, 0.2218
Android (android.graphics.Color)	4286718560 (0xFF822260)
YUV	69.7720, 12.9304, 52.8200
Hunter-Lab	25.9507, 36.3655, -8.6560

# Details

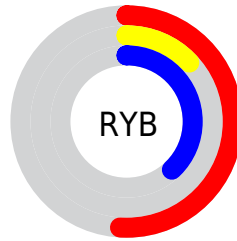
The Hex color **822260** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **228244**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **BA5893**, and **4D0032** is the 20% darker color. If you saturate the color by 10%, you get **82155B**, and if you desaturate by 10%, it is **822F65**.

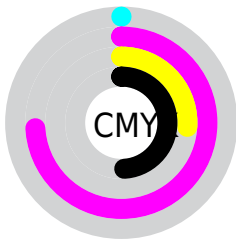
# Distribution



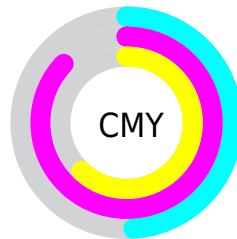
- Red (51%)
- Green (13%)
- Blue (38%)



- Red (51%)
- Yellow (13%)
- Blue (38%)



- Cyan (0%)
- Magenta (74%)
- Yellow (26%)
- Black (49%)



- Cyan (49%)
- Magenta (87%)
- Yellow (62%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 822260 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 822260 by changing the saturation by 10% instead.



 822260

 822260

FFFFFF

 670048

 BA5893

 4D0032

 D772AD

 35001D

 F48DC9

 140000

 FFA8E5

 000000

 FFC4FF

 FFE1FF

 FFFEFF

 822260

 822260

82155B

822F65

820857

823C69

820054

82496E

825672

826377

82707C

827D80

828A85

829789

# Harmonies

## Analogous

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



603681



822260



8C1D3A

# Triad

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



822260



4A4D00



00597D

# Complementary

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



822260



228244

# 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.



005A5A



822260



1B5508

# Square

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



822260



6B4000



005932



005493

# Rectangle

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



822260



872722



005932



005A73



# Sweetspot

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



822260



A8839B



442282



543E4C



D4D4D4



545454



# Same Dimension

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



822260



A81373



822230



40393D



800052



000000



# Inverse Universe

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



822260



A81373



228274



40393D



800052

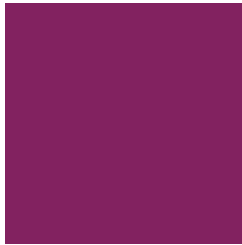


000000



# Previews

## White Background



This preview shows how the Hex color 822260 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

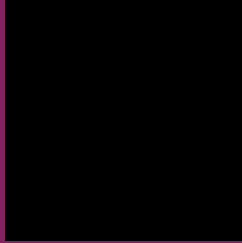
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 822260 Background



This preview shows how black text looks on a background with the Hex color 822260.




This preview shows how white text looks on a background with the Hex color 822260.

# 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**  
7E3033

# Trichromacy



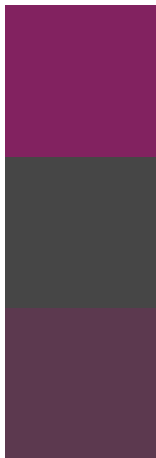
**Original Color**  
822260

**Protanomaly**  
513B72

**Deuteranomaly**  
5E3B5D

**Tritanomaly**  
7F2B43

# Monochromacy



**Original Color**  
822260

**Achromatopsia**  
464646

**Achromatomaly**  
5C394F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 822260 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 #822260 looks like.

```
.text, #text, p{  
    color:#822260  
}
```

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 #822260 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #822260
}
```

## Border

The CSS property to change the border of an element to Hex 822260 is called "border". The border property can be set on classes, ids or directly on the HTML element.

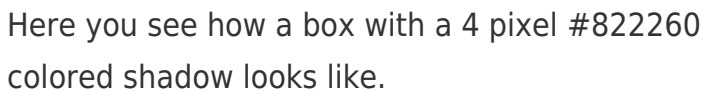
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#822260 }
```

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

```
.border{ border-color:#822260 }
```

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



Here you see how a box with a 4 pixel #822260 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #822260; -webkit-box-shadow:4px 4px  
4px 4px #822260; box-shadow:4px 4px 4px  
4px #822260 }
```

# Background

The CSS property to change the background color of an element to Hex 822260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#822260 }
```

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

```
.background{ background-color:#822260 }
```

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