

Converting Colors

Hex(822E72)

Have a look what the booklet for
Hex(822E72) contains.

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Color

Hex(822E72)

Conversions

Conversions Part 1

Format	Color
Hex	822E72
RGB	130, 46, 114
RGB Percent	51%, 18%, 45%
CMY	0.4902, 0.8196, 0.5529
CMYK	0.00, 0.65, 0.12, 0.49
HSL	311°, 48%, 35%
HSV	311°, 65%, 51%
XYZ	13.2202, 7.9147, 16.7505
YIQ	78.8680, 28.2360, 38.9560

Conversions

Conversions Part 2

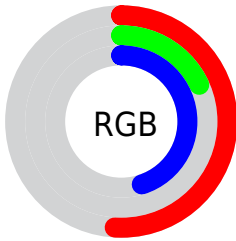
Format	Color
RYB	130, 46, 114
Decimal	8531570
CIELab	33.80, 44.39, -21.29
CIELCh	34, 49.230, 334.370
Yxy	7.9147, 0.3490, 0.2089
Android (android.graphics.Color)	4286721650 (0xFF822E72)
YUV	78.8680, 17.3201, 44.8428
Hunter-Lab	28.1331, 34.6469, -15.6082

Details

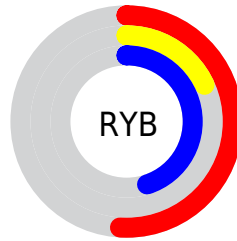
The Hex color **822E72** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2E823E**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **B962A6**, and **4D0042** is the 20% darker color. If you saturate the color by 10%, you get **822170**, and if you desaturate by 10%, it is **823B74**.

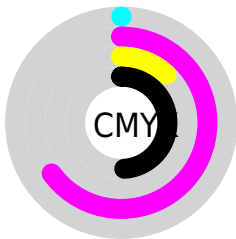
Distribution



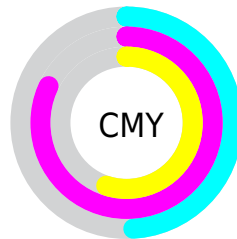
- Red (51%)
- Green (18%)
- Blue (45%)



- Red (51%)
- Yellow (18%)
- Blue (45%)



- Cyan (0%)
- Magenta (65%)
- Yellow (12%)
- Black (49%)



- Cyan (49%)
- Magenta (82%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 822E72 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 822E72 by changing the saturation by 10% instead.

 822E72

 822E72

FFFFFF

 671159

 B962A6

 4D0042

 D67CC1

 35002B

 F397DD

 1A0016

 FF3FA

 000000

 FFCFF

 FFEBF

 822E72

 822E72

 822170

 823B74

■ 82146D

■ 824877

■ 82076B

■ 825579

■ 820069

■ 82627C

■ 826F7E

■ 827C81

■ 828983

■ 829686

■ 82A388

Harmonies

Analogous

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



564291



822E72



93234B

Triad

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



822E72



5C5000



00607B

Complementary

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



822E72



2E823E

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.



006154



822E72



335900

Square

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



822E72



7B4100



005F2C



005C96

Rectangle

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



822E72



932832



005F2C



00616F

Sweetspot

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



822E72



A888A2



3D2E82



544150



D4D4D4



545454

Same Dimension

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



822E72



A8258F



822E49



40393F



800067



000000

Inverse Universe

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



822E72



A8258F



2E8267



40393F



800067



000000

Previews

White Background



This preview shows how the Hex color 822E72 looks on a white background.

Color Contrast Check

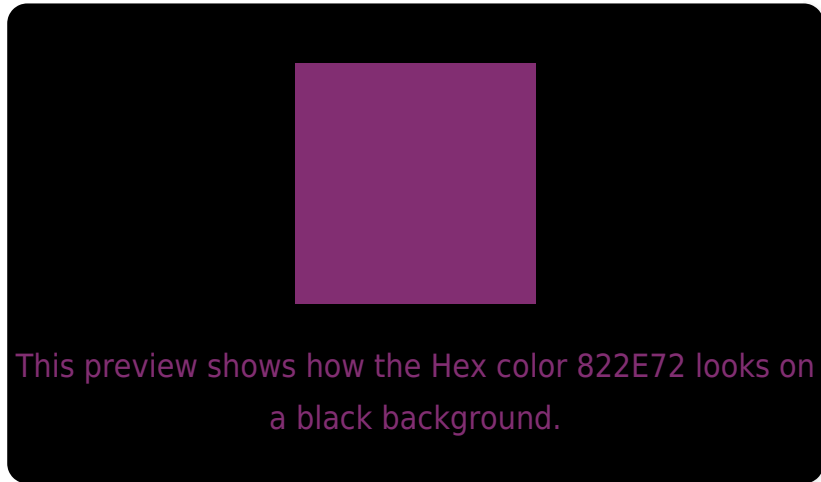
Large Text (above 18pt) WCAG AA ✓ Pass

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

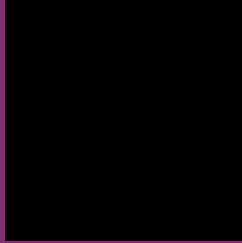
Any Text WCAG AA × Fail

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 822E72 Background



This preview shows how black text looks on a background with the Hex color 822E72.



This preview shows how white text looks on a background with the Hex color 822E72.

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
7D3C40

Trichromacy



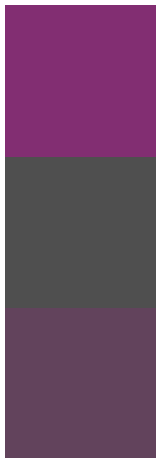
Original Color
822E72

Protanomaly
504283

Deuteranomaly
5D436F

Tritanomaly
7F3752

Monochromacy



Original Color
822E72

Achromatopsia
4F4F4F

Achromatomaly
62435C

CSS Examples

Text

The CSS property to change the color of the text to Hex 822E72 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 #822E72 looks like.

```
.text, #text, p{  
    color:#822E72  
}
```

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 #822E72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #822E72  
}
```

Border

The CSS property to change the border of an element to Hex 822E72 is called "border". The border property can be set on classes, ids or directly on the HTML element.

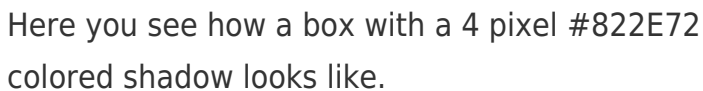
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#822E72 }
```

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

```
.border{ border-color:#822E72 }
```

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



Here you see how a box with a 4 pixel #822E72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #822E72; -webkit-box-shadow:4px 4px  
4px 4px #822E72; box-shadow:4px 4px 4px  
4px #822E72 }
```

Background

The CSS property to change the background color of an element to Hex 822E72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#822E72 }
```

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

```
.background{ background-color:#822E72 }
```

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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