

# Converting Colors

Hex(82245E)

Have a look what the booklet for  
Hex(82245E) contains.

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# Color

**Hex(82245E)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | 82245E                    |
| RGB         | 130, 36, 94               |
| RGB Percent | 51%, 14%, 37%             |
| CMY         | 0.4902, 0.8588, 0.6314    |
| CMYK        | 0.00, 0.72, 0.28, 0.49    |
| HSL         | 323°, 57%, 33%            |
| HSV         | 323°, 72%, 51%            |
| XYZ         | 11.8572, 6.8157, 11.2803  |
| YIQ         | 70.7180, 37.4060, 37.9660 |

# Conversions

## Conversions Part 2

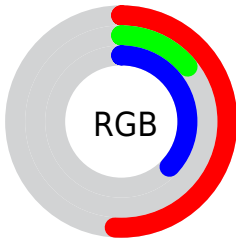
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 130, 36, 94                  |
| Decimal                             | 8528990                      |
| CIE <sub>Lab</sub>                  | 31.38, 45.59, -12.24         |
| CIE <sub>LCh</sub>                  | 31, 47.207, 344.977          |
| Yxy                                 | 6.8157, 0.3959,<br>0.2275    |
| Android<br>(android.graphics.Color) | 4286719070<br>(0xFF82245E)   |
| YUV                                 | 70.7180, 11.4780,<br>51.9903 |
| Hunter-Lab                          | 26.1070, 35.3834,<br>-7.3432 |

# Details

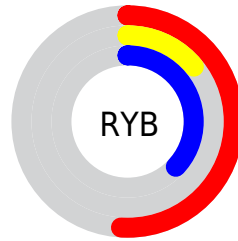
The Hex color **82245E** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **248248**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **BA5990**, and **4D0030** is the 20% darker color. If you saturate the color by 10%, you get **821759**, and if you desaturate by 10%, it is **823163**.

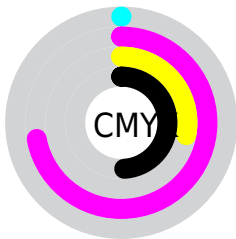
# Distribution



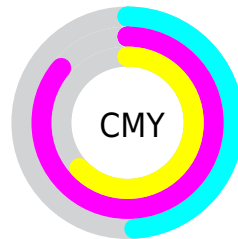
- Red (51%)
- Green (14%)
- Blue (37%)



- Red (51%)
- Yellow (14%)
- Blue (37%)



- Cyan (0%)
- Magenta (72%)
- Yellow (28%)
- Black (49%)



- Cyan (49%)
- Magenta (86%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82245E 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 82245E by changing the saturation by 10% instead.



 82245E

 82245E

FFFFFF

 670146

 BA5990

 4D0030

 D773AB

 35001B

 F48EC6

 130000

 FFAAE2

 000000

 FFC6FF

 FFE2FF

 82245E

 82245E

 821759

 823163

820A54

823E68

820050

824B6D

825872

826577

82727C

827F81

828C86

82998B

# Harmonies

## Analogous

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



62377F



82245E



8B2139

# Triad

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



82245E



494E00



00597E

# Complementary

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



82245E



248248

# 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.



005A5C



82245E



1A550E

# Square

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



82245E



694100



005935



005392

# Rectangle

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



82245E



862A22



005935



005A74



# Sweetspot

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



82245E



A8839A



462482



543E4C



D4D4D4



545454



# Same Dimension

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



82245E



A81670



822431



40393D



80004F



000000



# Inverse Universe

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



82245E



A81670



248275



40393D



80004F

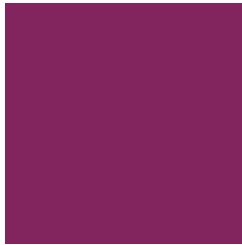


000000



# Previews

## White Background



This preview shows how the Hex color 82245E looks on a white background.

## Color Contrast Check

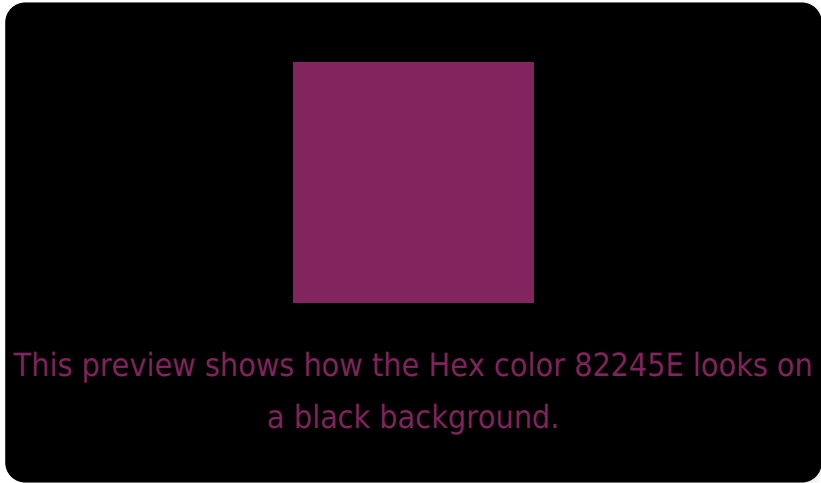
Large Text (above 18pt) WCAG AA ✓ Pass

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

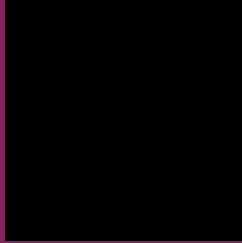
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 82245E Background



This preview shows how black text looks on a background with the Hex color 82245E.




This preview shows how white text looks on a background with the Hex color 82245E.

# 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**  
7F3033

# Trichromacy



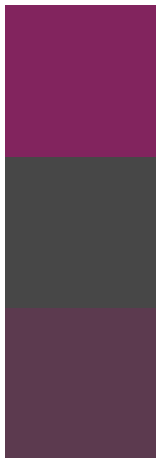
**Original Color**  
82245E

**Protanomaly**  
533C70

**Deuteranomaly**  
603C5B

**Tritanomaly**  
802C43

# Monochromacy



**Original Color**  
82245E

**Achromatopsia**  
474747

**Achromatomaly**  
5C3A4F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82245E 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 #82245E looks like.

```
.text, #text, p{  
    color:#82245E  
}
```

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 #82245E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82245E
}
```

## Border

The CSS property to change the border of an element to Hex 82245E is called "border". The border property can be set on classes, ids or directly on the HTML element.

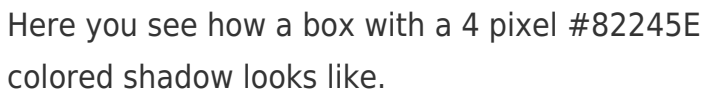
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#82245E }
```

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

```
.border{ border-color:#82245E }
```

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



Here you see how a box with a 4 pixel #82245E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82245E; -webkit-box-shadow:4px 4px  
4px 4px #82245E; box-shadow:4px 4px 4px  
4px #82245E }
```

# Background

The CSS property to change the background color of an element to Hex 82245E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82245E }
```

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

```
.background{ background-color:#82245E }
```

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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