

# Converting Colors

Hex(82455A)

Have a look what the booklet for  
Hex(82455A) contains.

<b>Hex(82455A)</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(82455A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	82455A
RGB	130, 69, 90
RGB Percent	51%, 27%, 35%
CMY	0.4902, 0.7294, 0.6471
CMYK	0.00, 0.47, 0.31, 0.49
HSL	339°, 31%, 39%
HSV	339°, 47%, 51%
XYZ	13.1795, 9.7403, 10.8583
YIQ	89.6330, 29.6150, 19.4630

# Conversions

## Conversions Part 2

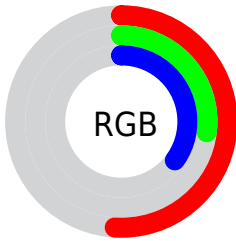
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 69, 90
Decimal	8537434
CIE Lab	37.37, 28.74, -0.73
CIE LCh	37, 28.752, 358.554
Yxy	9.7403, 0.3902, 0.2884
Android (android.graphics.Color)	4286727514 (0xFF82455A)
YUV	89.6330, 0.1809, 35.4019
Hunter-Lab	31.2094, 20.7629, 1.2186

# Details

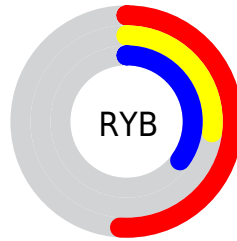
The Hex color **82455A** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **45826D**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **B9778C**, and **4E162D** is the 20% darker color. If you saturate the color by 10%, you get **823851**, and if you desaturate by 10%, it is **825263**.

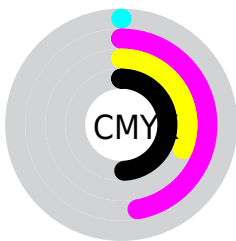
# Distribution



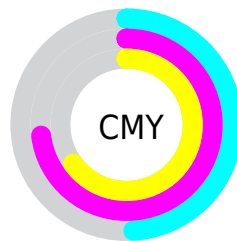
- Red (51%)
- Green (27%)
- Blue (35%)



- Red (51%)
- Yellow (27%)
- Blue (35%)



- Cyan (0%)
- Magenta (47%)
- Yellow (31%)
- Black (49%)



- Cyan (49%)
- Magenta (73%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82455A 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 82455A by changing the saturation by 10% instead.





82455A



82455A

FFFFFF



682D43



B9778C



4E162D



D591A6



360018



F2ACC1



1F0001



FFC7DD



000000



FFE4FA



82455A



82455A



823851



825263



822B49



825F6B

821E40

826C74

821138

82797C

82042F

828685

82002D

82938D

82A096

82AD9E

82BAA7

# Harmonies

## Analogous

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



744A70



82455A



834743

# Triad

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



82455A



505D2E



00617F

# Complementary

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



82455A



45826D

# 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.



00646D



82455A



33623F

# Square

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



82455A



675629



006456



2F5B86

# Rectangle

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



82455A



7E4B36



006456



00627A



# Sweetspot

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



82455A



A89199



6D4582



54464B



D4D4D4



545454



# Same Dimension

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



82455A



A84A6A



824E45



40393C



80002C



000000



# Inverse Universe

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



82455A



A84A6A



457982



40393C



80002C

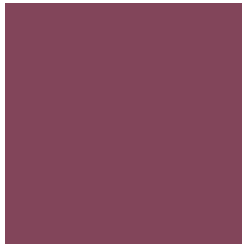


000000



# Previews

## White Background



This preview shows how the Hex color 82455A looks on a white background.

## Color Contrast Check

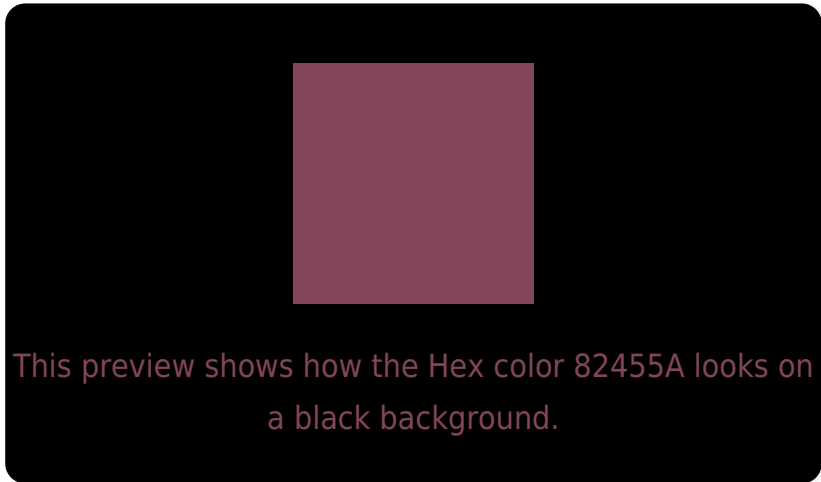
Large Text (above 18pt) WCAG AA ✓ Pass

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

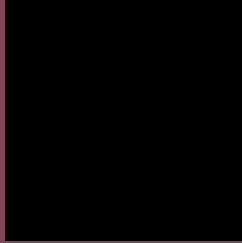
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 82455A Background



This preview shows how black text looks on a background with the Hex color 82455A.



This preview shows how white text looks on a background with the Hex color 82455A.

# 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**  
82455A

**Protanopia**  
565865

**Deuteranopia**  
615657



**Tritanopia**  
81474D

# Trichromacy



**Original Color**  
82455A

**Protanomaly**  
665161

**Deuteranomaly**  
6D5058

**Tritanomaly**  
814652

# Monochromacy



**Original Color**  
82455A

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
69525A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82455A 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 #82455A looks like.

```
.text, #text, p{  
    color:#82455A  
}
```

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 #82455A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82455A
}
```

## Border

The CSS property to change the border of an element to Hex 82455A is called "border". The border property can be set on classes, ids or directly on the HTML element.

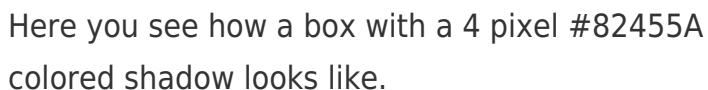
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#82455A }
```

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

```
.border{ border-color:#82455A }
```

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



Here you see how a box with a 4 pixel #82455A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82455A; -webkit-box-shadow:4px 4px  
4px 4px #82455A; box-shadow:4px 4px 4px  
4px #82455A }
```

# Background

The CSS property to change the background color of an element to Hex 82455A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82455A }
```

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

```
.background{ background-color:#82455A }
```

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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