

# Converting Colors

Hex(80545A)

Have a look what the booklet for  
Hex(80545A) contains.

<b>Hex(80545A)</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(80545A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	80545A
RGB	128, 84, 90
RGB Percent	50%, 33%, 35%
CMY	0.4980, 0.6706, 0.6471
CMYK	0.00, 0.34, 0.30, 0.50
HSL	352°, 21%, 42%
HSV	352°, 34%, 50%
XYZ	13.9179, 11.6680, 11.1915
YIQ	97.8400, 24.2980, 11.1940

# Conversions

## Conversions Part 2

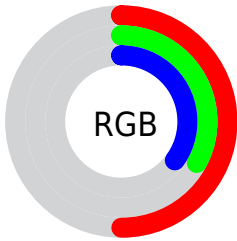
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	128, 84, 90
Decimal	8410202
CIE Lab	40.68, 19.22, 4.04
CIE LCh	41, 19.636, 11.887
Yxy	11.6680, 0.3784, 0.3173
Android (android.graphics.Color)	4286600282 (0xFF80545A)
YUV	97.8400, -3.8651, 26.4503
Hunter-Lab	34.1585, 12.9524, 4.4856

# Details

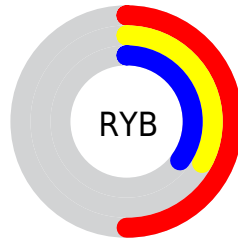
The Hex color **80545A** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **54807A**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **B6868C**, and **4D262D** is the 20% darker color. If you saturate the color by 10%, you get **80474F**, and if you desaturate by 10%, it is **806165**.

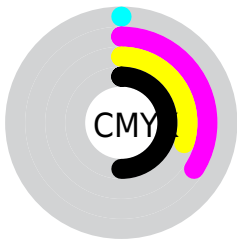
# Distribution



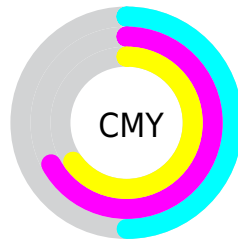
- Red (50%)
- Green (33%)
- Blue (35%)



- Red (50%)
- Yellow (33%)
- Blue (35%)



- Cyan (0%)
- Magenta (34%)
- Yellow (30%)
- Black (50%)



- Cyan (50%)
- Magenta (67%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 80545A 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 80545A by changing the saturation by 10% instead.



 80545A

 80545A

FFFFFF

 663C43

 B6868C

 4D262D

 D2A0A6

 351118

 EFBC1

 220000

 FFD7DD

 000000

 FFF4FA

 80545A

 80545A

 80474F

 806165

 803A44

 806E70

802E39

807A7B

80212E

808786

801423

809491

800718

80A19C

800011

80AEA7

80BAB2

80C7BD

# Harmonies

## Analogous

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



79556A



80545A



7E574B

# Triad

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



80545A



536548



3D647E

# Complementary

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



80545A



54807A

# 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.



2E6875



80545A



406855

# Square

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



80545A



656140



316966



545F7F

# Rectangle

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



80545A



785A44



316966



36667C



# Sweetspot

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



80545A



A69597



795480



544A4B



D4D4D4



545454



# Same Dimension

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



80545A



A6626B



806354



40393A



800011



000000



# Inverse Universe

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



80545A



A6626B



547180



40393A



800011

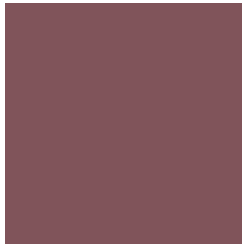


000000



# Previews

## White Background



This preview shows how the Hex color 80545A looks on a white background.

## Color Contrast Check

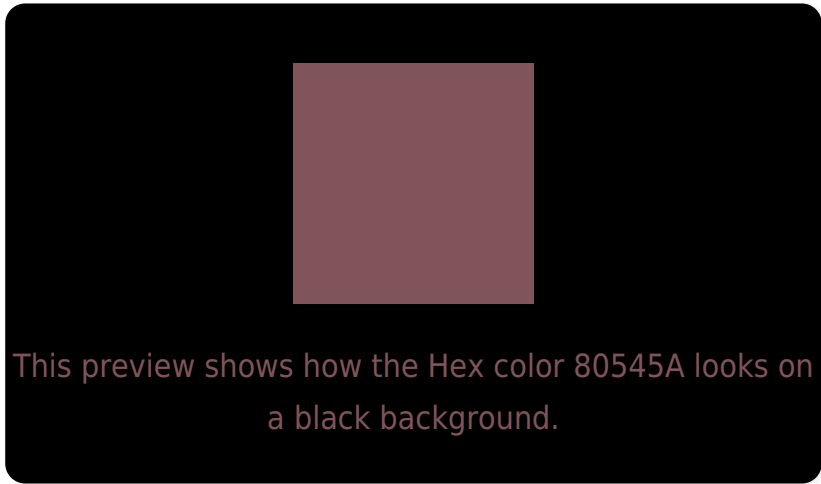
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 80545A Background



This preview shows how black text looks on a background with the Hex color 80545A.



This preview shows how white text looks on a background with the Hex color 80545A.

# 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**  
80545A

**Protanopia**  
626061

**Deuteranopia**  
6C5D58



**Tritanopia**  
80545A

# Trichromacy



**Original Color**  
80545A

**Protanomaly**  
6D5C5E

**Deuteranomaly**  
735A59

**Tritanomaly**  
80545A

# Monochromacy



**Original Color**  
80545A

**Achromatopsia**  
626262

**Achromatomaly**  
6D5D5F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 80545A 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 #80545A looks like.

```
.text, #text, p{  
    color:#80545A  
}
```

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 #80545A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80545A
}
```

## Border

The CSS property to change the border of an element to Hex 80545A is called "border". The border property can be set on classes, ids or directly on the HTML element.

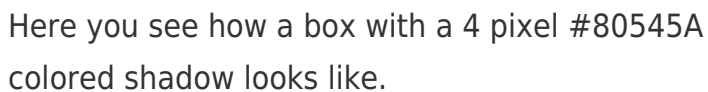
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#80545A }
```

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

```
.border{ border-color:#80545A }
```

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



Here you see how a box with a 4 pixel #80545A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80545A; -webkit-box-shadow:4px 4px  
4px 4px #80545A; box-shadow:4px 4px 4px  
4px #80545A }
```

# Background

The CSS property to change the background color of an element to Hex 80545A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80545A }
```

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

```
.background{ background-color:#80545A }
```

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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