

# Converting Colors

Hex(80535F)

Have a look what the booklet for  
Hex(80535F) contains.

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**Color**

**Hex(80535F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	80535F
RGB	128, 83, 95
RGB Percent	50%, 33%, 37%
CMY	0.4980, 0.6745, 0.6275
CMYK	0.00, 0.35, 0.26, 0.50
HSL	344°, 21%, 41%
HSV	344°, 35%, 50%
XYZ	14.0609, 11.6019, 12.3248
YIQ	97.8230, 22.9680, 13.2720

# Conversions

## Conversions Part 2

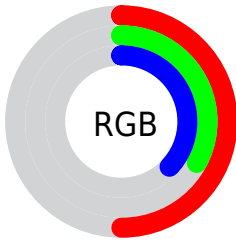
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 83, 95
Decimal	8409951
CIE Lab	40.58, 20.58, 0.80
CIE LCh	41, 20.593, 2.223
Yxy	11.6019, 0.3701, 0.3054
Android (android.graphics.Color)	4286600031 (0xFF80535F)
YUV	97.8230, -1.3917, 26.4652
Hunter-Lab	34.0616, 14.0784, 2.3898

# Details

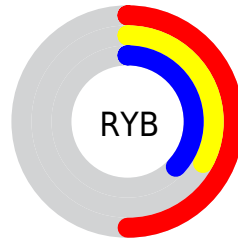
The Hex color **80535F** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **538074**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **B68591**, and **4D2531** is the 20% darker color. If you saturate the color by 10%, you get **804656**, and if you desaturate by 10%, it is **806068**.

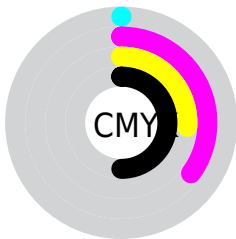
# Distribution



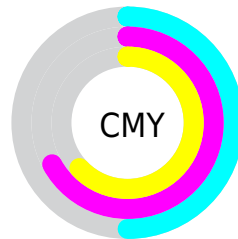
- Red (50%)
- Green (33%)
- Blue (37%)



- Red (50%)
- Yellow (33%)
- Blue (37%)



- Cyan (0%)
- Magenta (35%)
- Yellow (26%)
- Black (50%)



- Cyan (50%)
- Magenta (67%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 80535F 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 80535F by changing the saturation by 10% instead.





80535F



80535F

FFFFFF



663B47



B68591



4D2531



D29FAC



350F1C



EEBBC7



230001



FFD6E3



000000



FFF3FF



80535F



80535F



804656



806068



80394C



806D72

802D43

80797B

802039

808685

801330

80938E

800627

80A097

800022

80ADA1

80B9AA

80C6B3

# Harmonies

## Analogous

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



765670



80535F



80554F

# Triad

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



80535F



586443



33667D

# Complementary

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



80535F



538074

# 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.



286871



80535F



44674F

# Square

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



80535F



6A5F3E



326960



4B6181

# Rectangle

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



80535F



7C5746



326960



2D677A



# Sweetspot

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



80535F



A69498



745380



54494C



D4D4D4



545454



# Same Dimension

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



80535F



A66073



805E53



40393B



800022



000000



# Inverse Universe

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



80535F



A66073



537680



40393B



800022

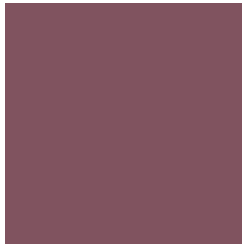


000000



# Previews

## White Background



This preview shows how the Hex color 80535F looks on a white background.

## Color Contrast Check

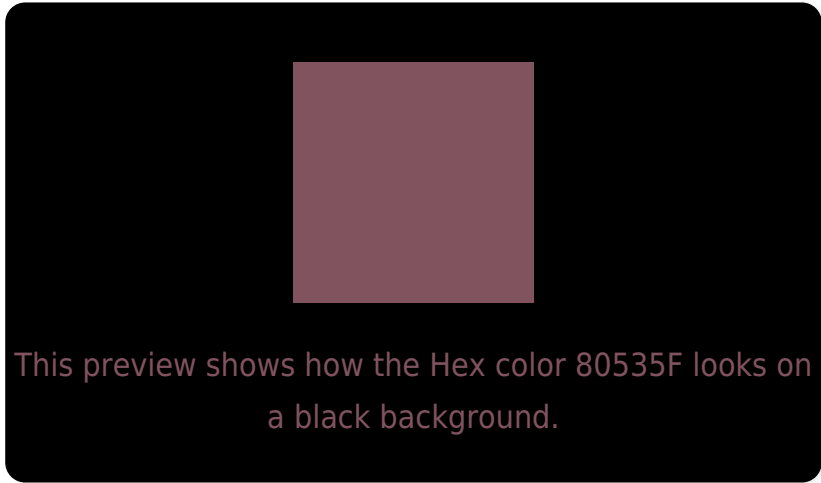
Large Text (above 18pt) WCAG AA ✓ Pass

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

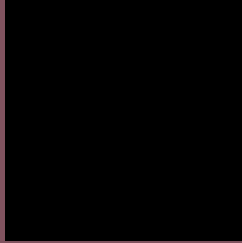
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 80535F Background



This preview shows how black text looks on a background with the Hex color 80535F.



This preview shows how white text looks on a background with the Hex color 80535F.

# 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**  
80535F

**Protanopia**  
605F66

**Deuteranopia**  
6A5D5D



**Tritanopia**  
7F545A

# Trichromacy



**Original Color**  
80535F

**Protanomaly**  
6C5B63

**Deuteranomaly**  
72595E

**Tritanomaly**  
7F545C

# Monochromacy



**Original Color**  
80535F

**Achromatopsia**  
626262

**Achromatomaly**  
6D5D61

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 80535F 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 #80535F looks like.

```
.text, #text, p{  
    color:#80535F  
}
```

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 #80535F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80535F
}
```

## Border

The CSS property to change the border of an element to Hex 80535F is called "border". The border property can be set on classes, ids or directly on the HTML element.

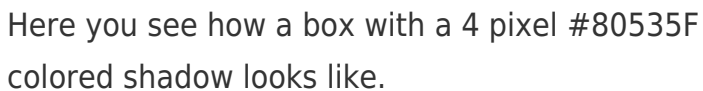
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#80535F }
```

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

```
.border{ border-color:#80535F }
```

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



Here you see how a box with a 4 pixel #80535F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80535F; -webkit-box-shadow:4px 4px  
4px 4px #80535F; box-shadow:4px 4px 4px  
4px #80535F }
```

# Background

The CSS property to change the background color of an element to Hex 80535F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80535F }
```

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

```
.background{ background-color:#80535F }
```

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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