

Converting Colors

Hex(80355A)

Have a look what the booklet for
Hex(80355A) contains.

Hex(80355A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(80355A)

Conversions

Conversions Part 1

Format	Color
Hex	80355A
RGB	128, 53, 90
RGB Percent	50%, 21%, 35%
CMY	0.4980, 0.7922, 0.6471
CMYK	0.00, 0.59, 0.30, 0.50
HSL	330°, 41%, 35%
HSV	330°, 59%, 50%
XYZ	12.0207, 7.8736, 10.5591
YIQ	79.6430, 32.8230, 27.4070

Conversions

Conversions Part 2

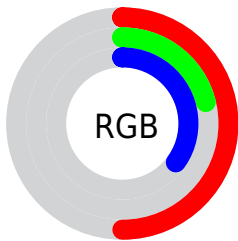
Format	Color
R_{YB}	128, 53, 90
Decimal	8402266
CIE Lab	33.72, 36.67, -6.17
CIE LCh	34, 37.189, 350.457
Yxy	7.8736, 0.3947, 0.2585
Android (android.graphics.Color)	4286592346 (0xFF80355A)
YUV	79.6430, 5.1060, 42.4091
Hunter-Lab	28.0599, 27.3632, -2.6691

Details

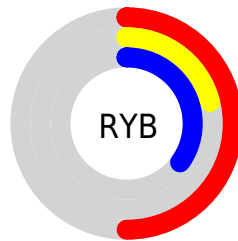
The Hex color **80355A** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **35805B**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **B7678C**, and **4C002C** is the 20% darker color. If you saturate the color by 10%, you get **802854**, and if you desaturate by 10%, it is **804260**.

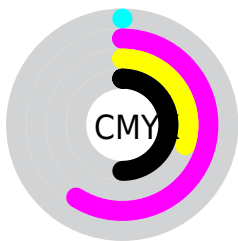
Distribution



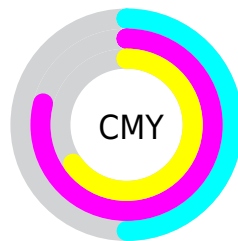
- Red (50%)
- Green (21%)
- Blue (35%)



- Red (50%)
- Yellow (21%)
- Blue (35%)



- Cyan (0%)
- Magenta (59%)
- Yellow (30%)
- Black (50%)



- Cyan (50%)
- Magenta (79%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80355A 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 80355A by changing the saturation by 10% instead.

 80355A

 80355A

FFFFFF

 651C43

 B7678C

 4C002C

 D481A6

 330018

 F19CC2

 150000

 FFB7DD

 000000

 FFD3FA

 FFF0FF

 80355A

 80355A

 802854

 804260

 801B4D

 804F67

 800F47

 805B6D

 800240

 806874

 80003F

 80757A

 808281

 808F87

 809B8E

 80A894

Harmonies

Analogous

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



6A3F75



80355A



85353C

Triad

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



80355A



4B5413



005B7C

Complementary

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



80355A



35805B

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.



005D63



80355A



275A28

Square

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



80355A



674A11



005D45



005589

Rectangle

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



80355A



803B2A



005D45



005C75

Sweetspot

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



80355A



A68897



5B3580



54424B



D4D4D4



545454

Same Dimension

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



80355A



A6326B



803535



40393D



80003F



000000

Inverse Universe

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



80355A



A6326B



358080



40393D



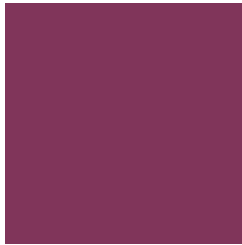
80003F



000000

Previews

White Background



This preview shows how the Hex color 80355A looks on a white background.

Color Contrast Check

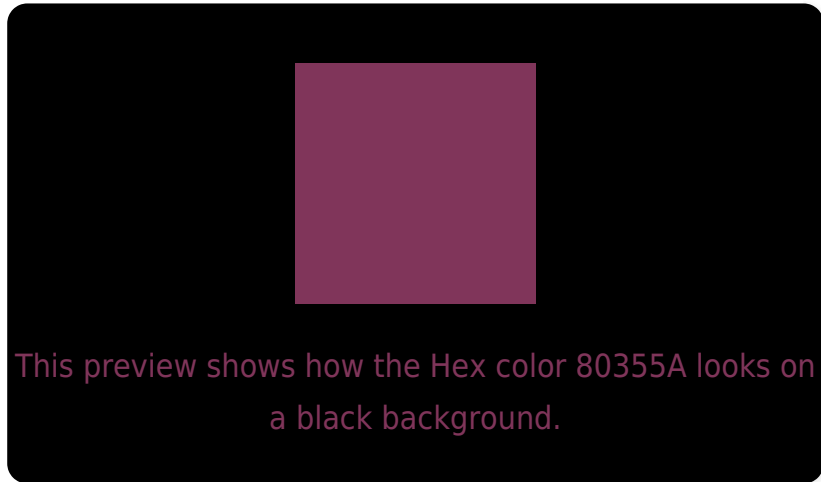
Large Text (above 18pt) WCAG AA ✓ Pass

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

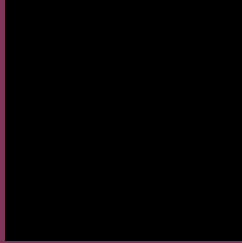
Any Text WCAG AA × Fail

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 80355A Background



This preview shows how black text looks on a background with the Hex color 80355A.

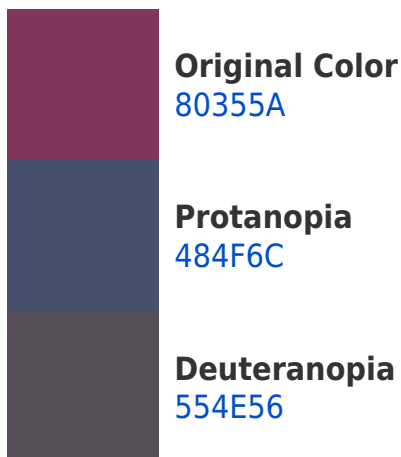


This preview shows how white text looks on a background with the Hex color 80355A.

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
7E3B3F

Trichromacy



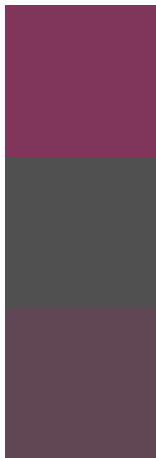
Original Color
80355A

Protanomaly
5C4665

Deuteranomaly
654557

Tritanomaly
7F3949

Monochromacy



Original Color
80355A

Achromatopsia
505050

Achromatomaly
614654

CSS Examples

Text

The CSS property to change the color of the text to Hex 80355A 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 #80355A looks like.

```
.text, #text, p{  
    color:#80355A  
}
```

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 #80355A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80355A
}
```

Border

The CSS property to change the border of an element to Hex 80355A is called "border". The border property can be set on classes, ids or directly on the HTML element.

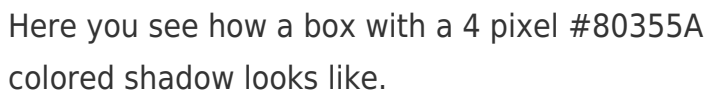
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#80355A }
```

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

```
.border{ border-color:#80355A }
```

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



Here you see how a box with a 4 pixel #80355A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80355A; -webkit-box-shadow:4px 4px  
4px 4px #80355A; box-shadow:4px 4px 4px  
4px #80355A }
```

Background

The CSS property to change the background color of an element to Hex 80355A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80355A }
```

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

```
.background{ background-color:#80355A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor