

Converting Colors

Hex(80365A)

Have a look what the booklet for
Hex(80365A) contains.

Hex(80365A)	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(80365A)

Conversions

Conversions Part 1

Format	Color
Hex	80365A
RGB	128, 54, 90
RGB Percent	50%, 21%, 35%
CMY	0.4980, 0.7882, 0.6471
CMYK	0.00, 0.58, 0.30, 0.50
HSL	331°, 41%, 36%
HSV	331°, 58%, 50%
XYZ	12.0667, 7.9657, 10.5744
YIQ	80.2300, 32.5480, 26.8840

Conversions

Conversions Part 2

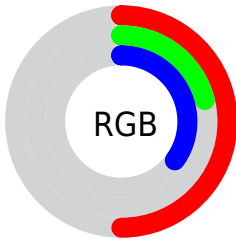
Format	Color
R_{YB}	128, 54, 90
Decimal	8402522
CIE _{Lab}	33.91, 36.16, -5.88
CIE _{LCh}	34, 36.636, 350.769
Yxy	7.9657, 0.3942, 0.2603
Android (android.graphics.Color)	4286592602 (0xFF80365A)
YUV	80.2300, 4.8166, 41.8943
Hunter-Lab	28.2236, 26.9246, -2.4574

Details

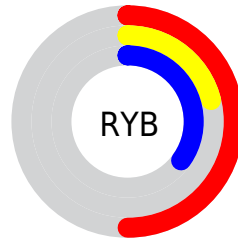
The Hex color **80365A** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **36805C**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **B7688C**, and **4C002C** is the 20% darker color. If you saturate the color by 10%, you get **802953**, and if you desaturate by 10%, it is **804361**.

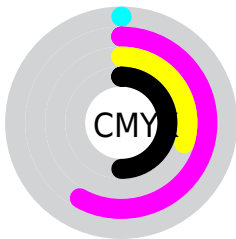
Distribution



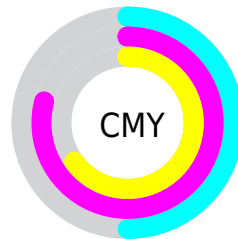
- Red (50%)
- Green (21%)
- Blue (35%)



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



- Cyan (0%)
- Magenta (58%)
- Yellow (30%)
- Black (12%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 80365A 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 80365A by changing the saturation by 10% instead.

 80365A

 80365A

FFFFFF

 651D43

 B7688C

 4C002C

 D382A6

 330018

 F19DC2

 160000

 FFB8DD

 000000

 FFD4FA

 FFF1FF

 80365A

 80365A

 802953

 804361

801C4D

805067

801046

805C6E

800340

806974

80003E

80767B

808381

809088

809C8F

80A995

Harmonies

Analogous

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



6A3F75



80365A



85363D

Triad

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



80365A



4C5414



005B7C

Complementary

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



80365A



36805C

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.



005E63



80365A



285A29

Square

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



80365A



674B12



005D45



005689

Rectangle

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



80365A



803C2B



005D45



005D75

Sweetspot

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



80365A



A68A97



5B3680



54434C



D4D4D4



545454

Same Dimension

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



80365A



A6336B



803636



40393C



80003E



000000

Inverse Universe

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



80365A



A6336B



368080



40393C



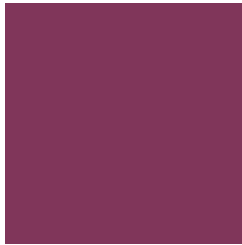
80003E



000000

Previews

White Background



This preview shows how the Hex color 80365A looks on a white background.

Color Contrast Check

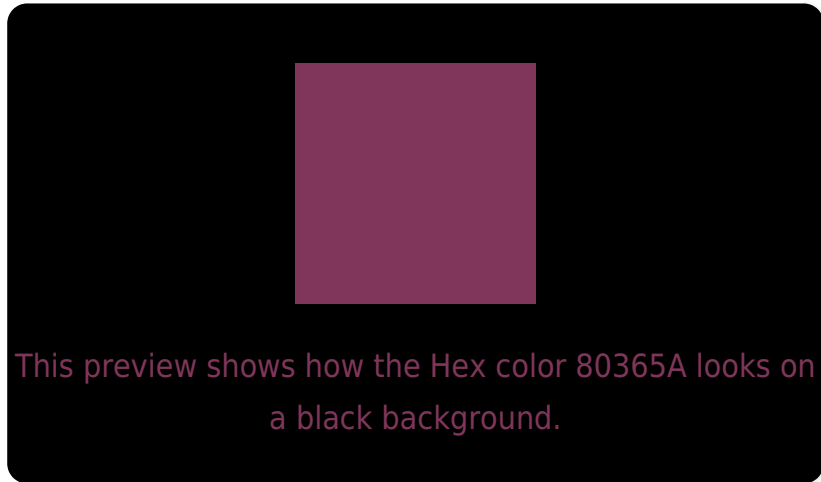
Large Text (above 18pt) WCAG AA ✓ Pass

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

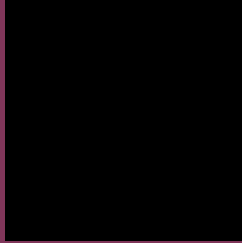
Any Text WCAG AA × Fail

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 80365A Background



This preview shows how black text looks on a background with the Hex color 80365A.



This preview shows how white text looks on a background with the Hex color 80365A.

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
80365A

Protanopia
49506B

Deuteranopia
564E56



Tritanopia
7E3C40

Trichromacy



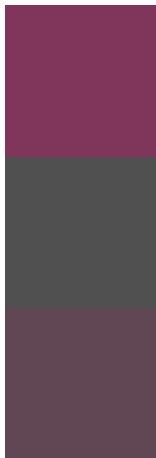
Original Color
80365A

Protanomaly
5D4765

Deuteranomaly
654557

Tritanomaly
7F3A49

Monochromacy



Original Color
80365A

Achromatopsia
505050

Achromatomaly
614754

CSS Examples

Text

The CSS property to change the color of the text to Hex 80365A 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 #80365A looks like.

```
.text, #text, p{  
    color:#80365A  
}
```

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 #80365A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80365A
}
```

Border

The CSS property to change the border of an element to Hex 80365A is called "border". The border property can be set on classes, ids or directly on the HTML element.

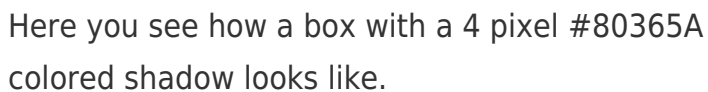
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#80365A }
```

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

```
.border{ border-color:#80365A }
```

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



Here you see how a box with a 4 pixel #80365A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80365A; -webkit-box-shadow:4px 4px  
4px 4px #80365A; box-shadow:4px 4px 4px  
4px #80365A }
```

Background

The CSS property to change the background color of an element to Hex 80365A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80365A }
```

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

```
.background{ background-color:#80365A }
```

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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