

Converting Colors

Hex(800561)

Have a look what the booklet for
Hex(800561) contains.

Hex(800561)	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(800561)

Conversions

Conversions Part 1

Format	Color
Hex	800561
RGB	128, 5, 97
RGB Percent	50%, 2%, 38%
CMY	0.4980, 0.9804, 0.6196
CMYK	0.00, 0.96, 0.24, 0.50
HSL	315°, 92%, 26%
HSV	315°, 96%, 50%
XYZ	11.1140, 5.5608, 11.7968
YIQ	52.2650, 43.7760, 54.6880

Conversions

Conversions Part 2

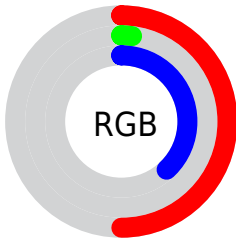
Format	Color
RYB	128, 5, 97
Decimal	8389985
CIELab	28.28, 53.66, -19.01
CIElCh	28, 56.922, 340.494
Yxy	5.5608, 0.3904, 0.1953
Android (android.graphics.Color)	4286580065 (0xFF800561)
YUV	52.2650, 22.0544, 66.4196
Hunter-Lab	23.5814, 42.8607, -13.1535

Details

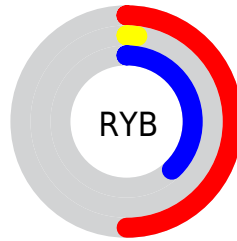
The Hex color **800561** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **058024**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **B84894**, and **4A0032** is the 20% darker color. If you saturate the color by 10%, you get **800060**, and if you desaturate by 10%, it is **801264**.

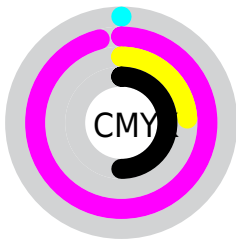
Distribution



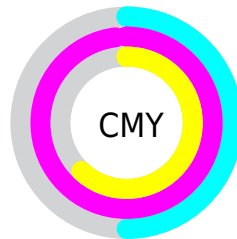
- Red (50%)
- Green (2%)
- Blue (38%)



- Red (50%)
- Yellow (2%)
- Blue (38%)



- Cyan (0%)
- Magenta (96%)
- Yellow (24%)
- Black (50%)



- Cyan (50%)
- Magenta (98%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 800561 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 800561 by changing the saturation by 10% instead.

 800561

 800561

FFFFFF

 650049

 B84894

 4A0032

 D563AF

 32001D

 F37FCA

 080000

 FF9AE6

 000000

 FFB6FF

 FFD3FF

 FFF0FF

 800561

 800561

■ 800060

■ 801264

■ 801F67

■ 802B6B

■ 80386E

■ 804571

■ 805274

■ 805F78

■ 806B7B

■ 80787E

Harmonies

Analogous

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



542E86



800561



8D0036

Triad

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



800561



454600



00547B

Complementary

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



800561



058024

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.



005552



800561



084F00

Square

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



800561



693500



005323



005096

Rectangle

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



800561



880B19



005323



00556F

Sweetspot

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



800561



A6769A



240580



54374D



D4D4D4



545454

Same Dimension

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



800561



A6007C



800524



40393E



80005F



000000

Inverse Universe

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



800561



A6007C



058061



40393E



80005F



000000

Previews

White Background



This preview shows how the Hex color 800561 looks on a white background.

Color Contrast Check

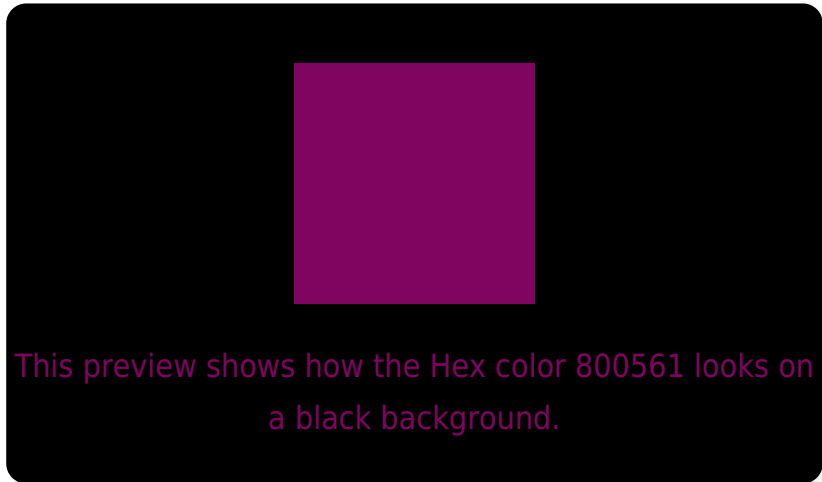
Large Text (above 18pt) WCAG AA ✓ Pass

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

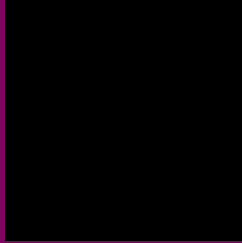
Any Text WCAG AA × Fail

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 800561 Background



This preview shows how black text looks on a background with the Hex color 800561.



This preview shows how white text looks on a background with the Hex color 800561.

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



Trichromacy



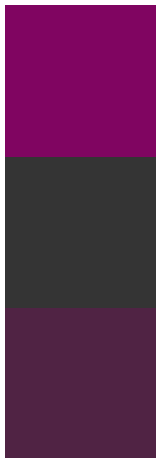
Original Color
800561

Protanomaly
3E2C7B

Deuteranomaly
582D5D

Tritanomaly
7D1A3D

Monochromacy



Original Color
800561

Achromatopsia
343434

Achromatomaly
502344

CSS Examples

Text

The CSS property to change the color of the text to Hex 800561 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 #800561 looks like.

```
.text, #text, p{  
    color:#800561  
}
```

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 #800561 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #800561
}
```

Border

The CSS property to change the border of an element to Hex 800561 is called "border". The border property can be set on classes, ids or directly on the HTML element.

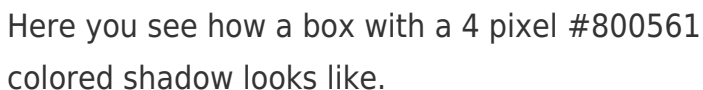
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#800561 }
```

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

```
.border{ border-color:#800561 }
```

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



Here you see how a box with a 4 pixel #800561 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #800561; -webkit-box-shadow:4px 4px  
4px 4px #800561; box-shadow:4px 4px 4px  
4px #800561 }
```

Background

The CSS property to change the background color of an element to Hex 800561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#800561 }
```

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

```
.background{ background-color:#800561 }
```

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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