

Converting Colors

Hex(80005C)

Have a look what the booklet for
Hex(80005C) contains.

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Color

Hex(80005C)

Conversions

Conversions Part 1

Format	Color
Hex	80005C
RGB	128, 0, 92
RGB Percent	50%, 0%, 36%
CMY	0.4980, 1.0000, 0.6392
CMYK	0.00, 1.00, 0.28, 0.50
HSL	317°, 100%, 25%
HSV	317°, 100%, 50%
XYZ	10.8339, 5.3619, 10.5892
YIQ	48.7600, 46.7560, 55.7480

Conversions

Conversions Part 2

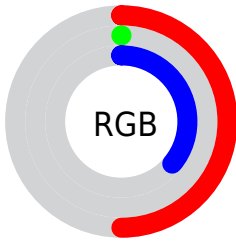
Format	Color
RYB	128, 0, 92
Decimal	8388700
CIELab	27.74, 53.89, -16.56
CIElCh	28, 56.373, 342.920
Yxy	5.3619, 0.4045, 0.2002
Android (android.graphics.Color)	4286578780 (0xFF80005C)
YUV	48.7600, 21.3173, 69.4935
Hunter-Lab	23.1558, 42.9919, -10.9043

Details

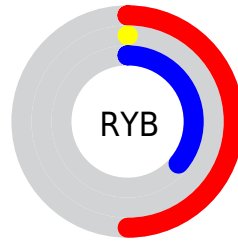
The Hex color **80005C** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **008024**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **B9468E**, and **4A002E** is the 20% darker color. If you saturate the color by 10%, you get **80005C**, and if you desaturate by 10%, it is **800D60**.

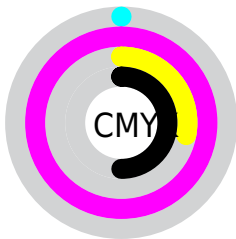
Distribution



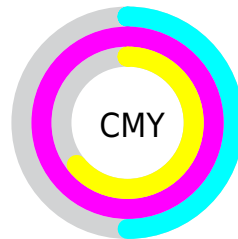
- Red (50%)
- Green (0%)
- Blue (36%)



- Red (50%)
- Yellow (0%)
- Blue (36%)



- Cyan (0%)
- Magenta (100%)
- Yellow (28%)
- Black (50%)



- Cyan (50%)
- Magenta (100%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80005C 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 80005C by changing the saturation by 10% instead.

 80005C

 80005C

FFFFFF

 650044

 B9468E

 4A002E

 D661A9

 310019

 F37CC4

 030000

 FF98E0

 000000

 FFB4FD

 FFD1FF

 FFEEFF

 80005C

 800D60

 801A63

 802667

 80336A

 80406E

 804D72

 805A75

 806679

 80737C

Harmonies

Analogous

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



582A82



80005C



8B0031

Triad

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



80005C



404600



00527C

Complementary

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



80005C



008024

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.



005354



80005C



004E00

Square

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



80005C



653600



005226



004E95

Rectangle

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



80005C



850E15



005226



005370

Sweetspot

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



80005C



A67498



220080



54364C



D4D4D4



545454

Same Dimension

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



80005C



A60077



80001E



40393E



000000

Inverse Universe

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



80005C



A60077



008062



40393E



000000

Previews

White Background



This preview shows how the Hex color 80005C looks on a white background.

Color Contrast Check

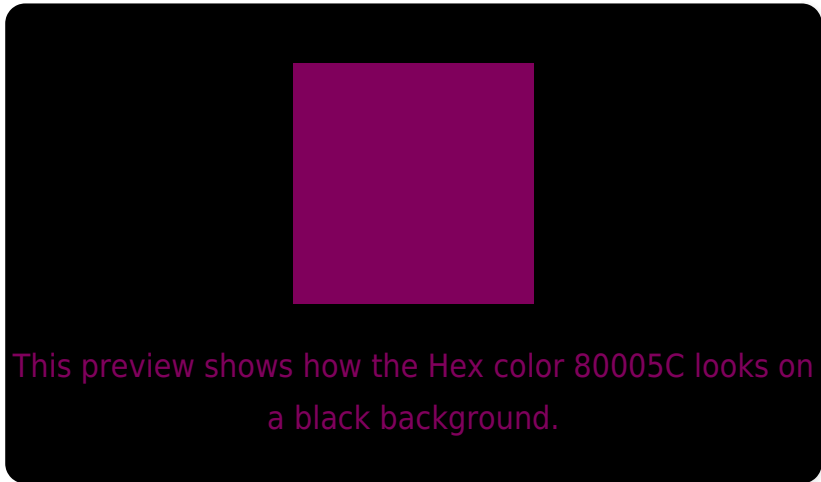
Large Text (above 18pt) WCAG AA ✓ Pass

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

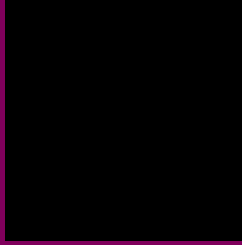
Any Text WCAG AA × Fail

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 80005C Background



This preview shows how black text looks on a background with the Hex color 80005C.

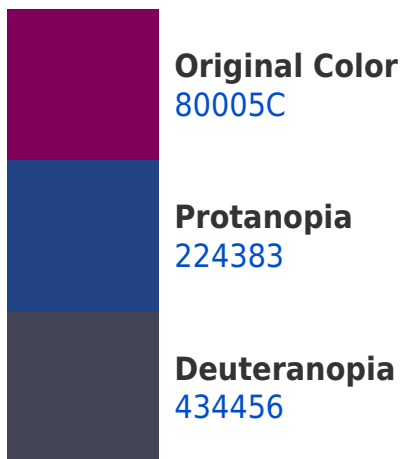


This preview shows how white text looks on a background with the Hex color 80005C.

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
7C2426

Trichromacy



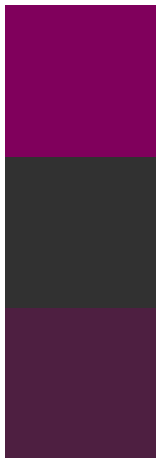
Original Color
80005C

Protanomaly
442B75

Deuteranomaly
592B58

Tritanomaly
7D173A

Monochromacy



Original Color
80005C

Achromatopsia
313131

Achromatomaly
4E1F41

CSS Examples

Text

The CSS property to change the color of the text to Hex 80005C 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 #80005C looks like.

```
.text, #text, p{  
    color:#80005C  
}
```

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 #80005C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80005C
}
```

Border

The CSS property to change the border of an element to Hex 80005C is called "border". The border property can be set on classes, ids or directly on the HTML element.

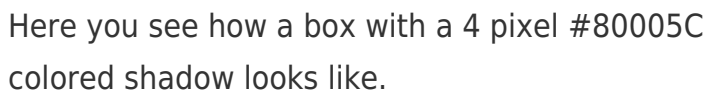
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#80005C }
```

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

```
.border{ border-color:#80005C }
```

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



Here you see how a box with a 4 pixel #80005C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80005C; -webkit-box-shadow:4px 4px  
4px 4px #80005C; box-shadow:4px 4px 4px  
4px #80005C }
```

Background

The CSS property to change the background color of an element to Hex 80005C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80005C }
```

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

```
.background{ background-color:#80005C }
```

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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