

Converting Colors

Hex(87004C)

Have a look what the booklet for
Hex(87004C) contains.

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Color

Hex(87004C)

Conversions

Conversions Part 1

Format	Color
Hex	87004C
RGB	135, 0, 76
RGB Percent	53%, 0%, 30%
CMY	0.4706, 1.0000, 0.7020
CMYK	0.00, 1.00, 0.44, 0.47
HSL	326°, 100%, 26%
HSV	326°, 100%, 53%
XYZ	11.2962, 5.6727, 7.3370
YIQ	49.0290, 56.0640, 52.2560

Conversions

Conversions Part 2

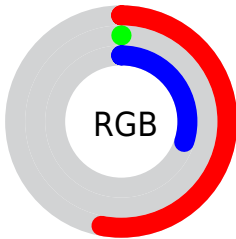
Format	Color
RYB	135, 0, 76
Decimal	8847436
CIELab	28.57, 53.71, -4.54
CIElCh	29, 53.904, 355.169
Yxy	5.6727, 0.4648, 0.2334
Android (android.graphics.Color)	4287037516 (0xFF87004C)
YUV	49.0290, 13.2967, 75.3966
Hunter-Lab	23.8174, 42.9789, -1.5923

Details

The Hex color **87004C** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **00873B**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **C1477D**, and **4F0020** is the 20% darker color. If you saturate the color by 10%, you get **87004C**, and if you desaturate by 10%, it is **870D52**.

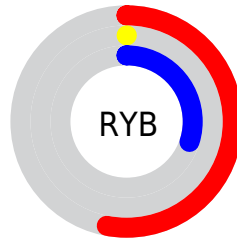
Distribution



Red (53%)

Green (0%)

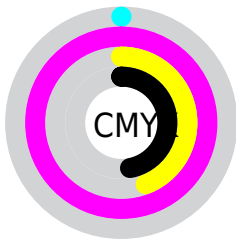
Blue (30%)



Red (53%)

Yellow (0%)

Blue (30%)

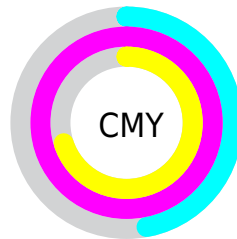


Cyan (0%)

Magenta (100%)

Yellow (44%)

Black (47%)



Cyan (47%)

Magenta (100%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87004C 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 87004C by changing the saturation by 10% instead.

 87004C

 87004C

FFFFFF

 6B0035

 C1477D

 4F0020

 DE6297

 370007

 FC7EB1

 0C0000

 FF99CD

 000000

 FFB5E9

 FFD2FF

 FFEFFF

 87004C

 870D52

 871B58

 87295E

 873664

 874469

 87516F

 875E75

 876C7B

 877A81

Harmonies

Analogous

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



6D2274



87004C



880E23

Triad

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



87004C



324B00



005388

Complementary

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



87004C



00873B

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.



005566



87004C



00510D

Square

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



87004C



593F00



00543B



004B97

Rectangle

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



87004C



7E2306



00543B



00547E

Sweetspot

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



87004C



B07B99



3B0087



59394B



D9D9D9



595959

Same Dimension

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



87004C



B00063



870009



423C3F



820049



030001

Inverse Universe

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



87004C



B00063



00877E



423C3F



820049



030001

Previews

White Background



This preview shows how the Hex color 87004C looks on a white background.

Color Contrast Check

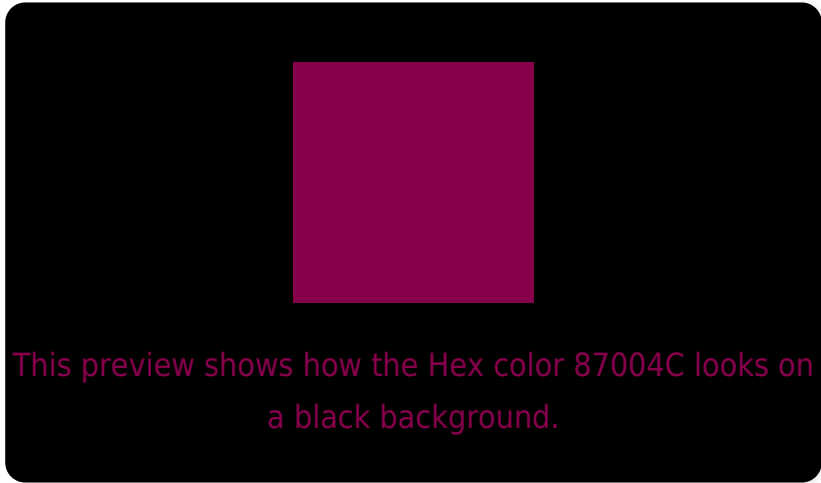
Large Text (above 18pt) WCAG AA ✓ Pass

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 87004C Background



This preview shows how black text looks on a background with the Hex color 87004C.

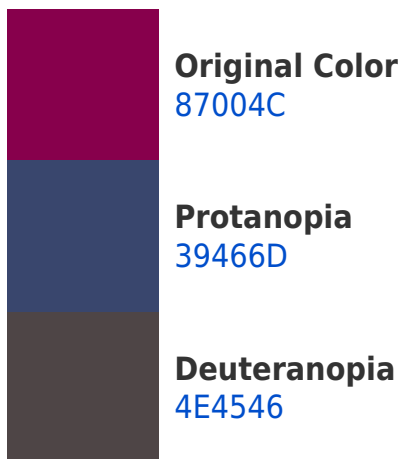


This preview shows how white text looks on a background with the Hex color 87004C.

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
851E1F

Trichromacy



Original Color
87004C

Protanomaly
552D61

Deuteranomaly
632C48

Tritanomaly
86132F

Monochromacy



Original Color
87004C

Achromatopsia
313131

Achromatomaly
501F3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 87004C 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 #87004C looks like.

```
.text, #text, p{  
    color:#87004C  
}
```

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 #87004C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87004C
}
```

Border

The CSS property to change the border of an element to Hex 87004C is called "border". The border property can be set on classes, ids or directly on the HTML element.

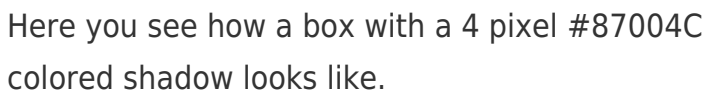
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#87004C }
```

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

```
.border{ border-color:#87004C }
```

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



Here you see how a box with a 4 pixel #87004C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87004C; -webkit-box-shadow:4px 4px  
4px 4px #87004C; box-shadow:4px 4px 4px  
4px #87004C }
```

Background

The CSS property to change the background color of an element to Hex 87004C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87004C }
```

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

```
.background{ background-color:#87004C }
```

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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