

Converting Colors

Hex(87006E)

Have a look what the booklet for
Hex(87006E) contains.

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Color

Hex(87006E)

Conversions

Conversions Part 1

Format	Color
Hex	87006E
RGB	135, 0, 110
RGB Percent	53%, 0%, 43%
CMY	0.4706, 1.0000, 0.5686
CMYK	0.00, 1.00, 0.19, 0.47
HSL	311°, 100%, 26%
HSV	311°, 100%, 53%
XYZ	12.8061, 6.2767, 15.2884
YIQ	52.9050, 45.1500, 62.8300

Conversions

Conversions Part 2

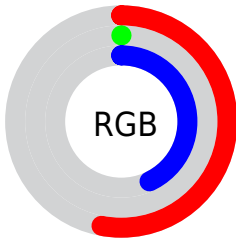
Format	Color
R_{YB}	135, 0, 110
Decimal	8847470
CIE _{Lab}	30.10, 57.62, -24.47
CIE _{LCh}	30, 62.601, 336.992
Yxy	6.2767, 0.3726, 0.1826
Android (android.graphics.Color)	4287037550 (0xFF87006E)
YUV	52.9050, 28.1478, 71.9973
Hunter-Lab	25.0533, 47.3980, -18.6435

Details

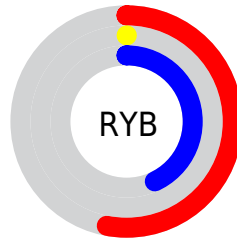
The Hex color **87006E** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **008719**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **C049A2**, and **50003E** is the 20% darker color. If you saturate the color by 10%, you get **87006E**, and if you desaturate by 10%, it is **870D71**.

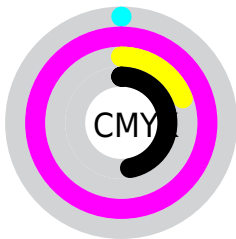
Distribution



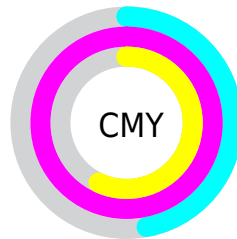
- Red (53%)
- Green (0%)
- Blue (43%)



- Red (53%)
- Yellow (0%)
- Blue (43%)



- Cyan (0%)
- Magenta (100%)
- Yellow (19%)
- Black (47%)



- Cyan (47%)
- Magenta (100%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87006E 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 87006E by changing the saturation by 10% instead.

 87006E

 87006E

FFFFFF

 6B0055

 C049A2

 50003E

 DD64BD

 390028

 FB80D9

 180011

 FF9CF6

 000000

 FFB8FF

 FFD5FF

 FFF2FF

 87006E

■ 870D71

■ 871B73

■ 872976

■ 873678

■ 87447B

■ 87517D

■ 875E80

■ 876C82

■ 877A85

Harmonies

Analogous

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



513396



87006E



98003E

Triad

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



87006E



4E4900



005A81

Complementary

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



87006E



008719

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.



005A52



87006E



115300

Square

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



87006E



753500



00581D



0056A2

Rectangle

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



87006E



95001E



00581D



005A72

Sweetspot

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



87006E



B07BA6



190087



593953



D9D9D9



595959

Same Dimension

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



87006E



B0008F



87002B



423C41



82006A



030002

Inverse Universe

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



87006E



B0008F



00875C



423C41



82006A



030002

Previews

White Background



This preview shows how the Hex color 87006E looks on a white background.

Color Contrast Check

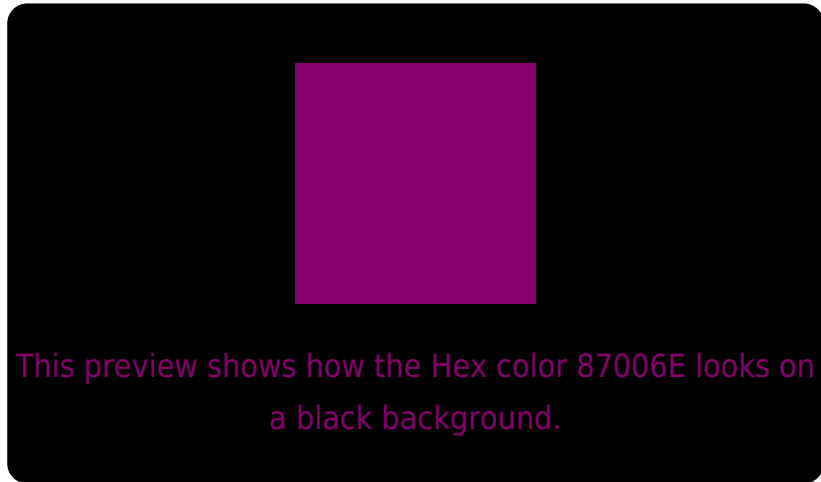
Large Text (above 18pt) WCAG AA ✓ Pass

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

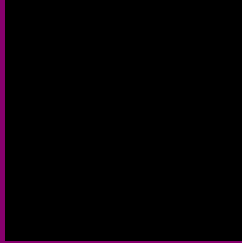
Any Text WCAG AA × Fail

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 87006E Background



This preview shows how black text looks on a background with the Hex color 87006E.



This preview shows how white text looks on a background with the Hex color 87006E.

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
822B2E

Trichromacy



Original Color
87006E

Protanomaly
312E89

Deuteranomaly
5A2E6A

Tritanomaly
841B45

Monochromacy



Original Color
87006E

Achromatopsia
353535

Achromatomaly
53224A

CSS Examples

Text

The CSS property to change the color of the text to Hex 87006E 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 #87006E looks like.

```
.text, #text, p{  
    color:#87006E  
}
```

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 #87006E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87006E
}
```

Border

The CSS property to change the border of an element to Hex 87006E is called "border". The border property can be set on classes, ids or directly on the HTML element.

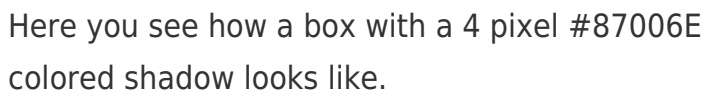
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#87006E }
```

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

```
.border{ border-color:#87006E }
```

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



Here you see how a box with a 4 pixel #87006E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87006E; -webkit-box-shadow:4px 4px  
4px 4px #87006E; box-shadow:4px 4px 4px  
4px #87006E }
```

Background

The CSS property to change the background color of an element to Hex 87006E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87006E }
```

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

```
.background{ background-color:#87006E }
```

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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