

Converting Colors

Hex(87076D)

Have a look what the booklet for
Hex(87076D) contains.

Hex(87076D)	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(87076D)

Conversions

Conversions Part 1

Format	Color
Hex	87076D
RGB	135, 7, 109
RGB Percent	53%, 3%, 43%
CMY	0.4706, 0.9725, 0.5725
CMYK	0.00, 0.95, 0.19, 0.47
HSL	312°, 90%, 28%
HSV	312°, 95%, 53%
XYZ	12.8280, 6.4070, 15.0286
YIQ	56.9000, 43.5460, 58.8580

Conversions

Conversions Part 2

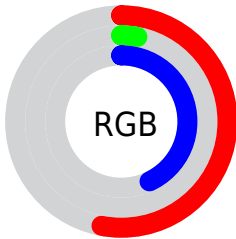
Format	Color
R_{YB}	135, 7, 109
Decimal	8849261
CIE _{Lab}	30.42, 56.40, -23.33
CIE _{LCh}	30, 61.036, 337.528
Yxy	6.4070, 0.3744, 0.1870
Android (android.graphics.Color)	4287039341 (0xFF87076D)
YUV	56.9000, 25.6853, 68.4937
Hunter-Lab	25.3120, 46.1666, -17.4840

Details

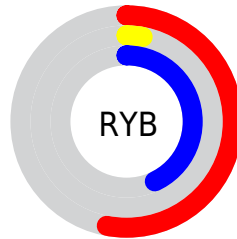
The Hex color **87076D** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **078721**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **C04BA1**, and **51003D** is the 20% darker color. If you saturate the color by 10%, you get **87006C**, and if you desaturate by 10%, it is **871570**.

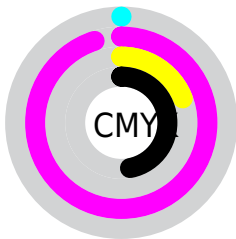
Distribution



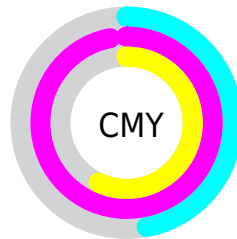
- Red (53%)
- Green (3%)
- Blue (43%)



- Red (53%)
- Yellow (3%)
- Blue (43%)



- Cyan (0%)
- Magenta (95%)
- Yellow (19%)
- Black (47%)



- Cyan (47%)
- Magenta (97%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87076D 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 87076D by changing the saturation by 10% instead.

87076D

87076D

FFFFFF

6B0054

C04BA1

51003D

DD67BC

390027

FB82D8

190010

FF9EF4

000000

FFBAFF

FFD7FF

FFF4FF

87076D

87076D

■ 87006C

■ 871570

■ 872272

■ 873075

■ 873D78

■ 874B7B

■ 87587D

■ 876680

■ 877383

■ 878186

Harmonies

Analogous

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



533494



87076D



98003E

Triad

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



87076D



4E4A00



005B81

Complementary

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



87076D



078721

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.



005B53



87076D



135400

Square

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



87076D



743700



005920



0056A1

Rectangle

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



87076D



94001F



005920



005B73

Sweetspot

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



87076D



B07FA6



210787



593B53



D9D9D9



595959

Same Dimension

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



87076D



B0008C



87072D



423C41



820068



030002

Inverse Universe

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



87076D



B0008C



078761



423C41



820068



030002

Previews

White Background



This preview shows how the Hex color 87076D looks on a white background.

Color Contrast Check

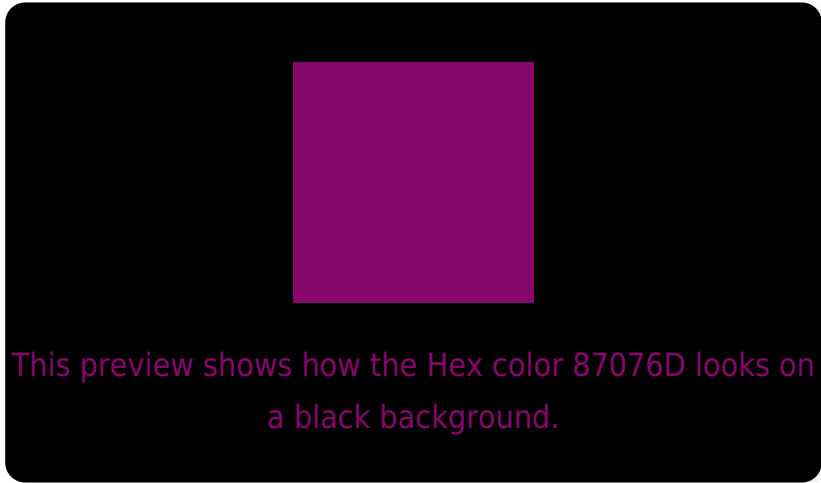
Large Text (above 18pt) WCAG AA ✓ Pass

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

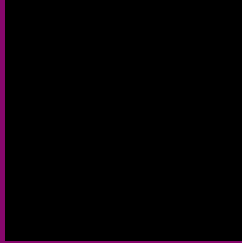
Any Text WCAG AA × Fail

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 87076D Background



This preview shows how black text looks on a background with the Hex color 87076D.

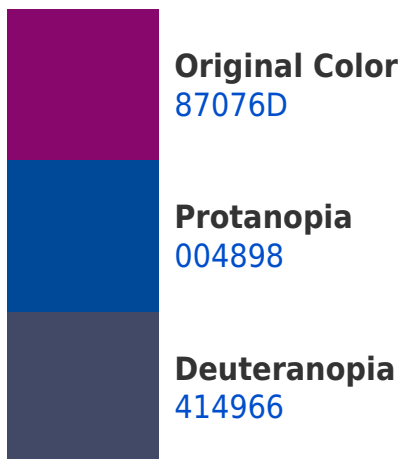


This preview shows how white text looks on a background with the Hex color 87076D.

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
87076D



Protanomaly
313088



Deuteranomaly
5A3169



Tritanomaly
841E45

Monochromacy



Original Color
87076D



Achromatopsia
393939



Achromatomaly
55274C

CSS Examples

Text

The CSS property to change the color of the text to Hex 87076D 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 #87076D looks like.

```
.text, #text, p{  
    color:#87076D  
}
```

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 #87076D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87076D
}
```

Border

The CSS property to change the border of an element to Hex 87076D 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
#87076D }
```

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

```
.border{ border-color:#87076D }
```

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

Here you see how a box with a 4 pixel #87076D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87076D; -webkit-box-shadow:4px 4px  
4px 4px #87076D; box-shadow:4px 4px 4px  
4px #87076D }
```

Background

The CSS property to change the background color of an element to Hex 87076D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87076D }
```

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

```
.background{ background-color:#87076D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor