

Converting Colors

Hex(87176F)

Have a look what the booklet for
Hex(87176F) contains.

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Color

Hex(87176F)

Conversions

Conversions Part 1

Format	Color
Hex	87176F
RGB	135, 23, 111
RGB Percent	53%, 9%, 44%
CMY	0.4706, 0.9098, 0.5647
CMYK	0.00, 0.83, 0.18, 0.47
HSL	313°, 71%, 31%
HSV	313°, 83%, 53%
XYZ	13.1673, 6.9114, 15.6790
YIQ	66.5200, 38.5040, 51.1120

Conversions

Conversions Part 2

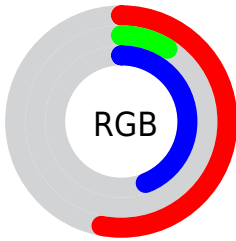
Format	Color
R_{YB}	135, 23, 111
Decimal	8853359
CIE _{Lab}	31.60, 53.52, -22.75
CIE _{LCh}	32, 58.160, 336.970
Yxy	6.9114, 0.3682, 0.1933
Android (android.graphics.Color)	4287043439 (0xFF87176F)
YUV	66.5200, 21.9286, 60.0570
Hunter-Lab	26.2895, 43.3965, -16.9577

Details

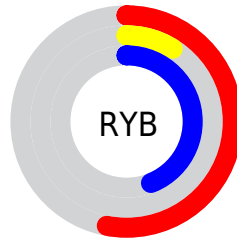
The Hex color **87176F** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **17872F**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **BF52A3**, and **51003F** is the 20% darker color. If you saturate the color by 10%, you get **870A6C**, and if you desaturate by 10%, it is **872572**.

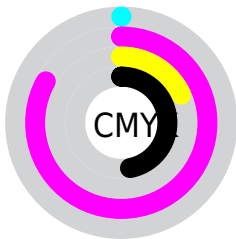
Distribution



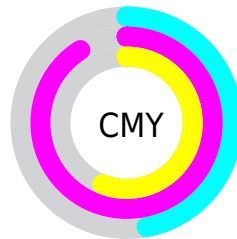
- Red (53%)
- Green (9%)
- Blue (44%)



- Red (53%)
- Yellow (9%)
- Blue (44%)



- Cyan (0%)
- Magenta (83%)
- Yellow (18%)
- Black (47%)



- Cyan (47%)
- Magenta (91%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87176F 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 87176F by changing the saturation by 10% instead.

 87176F

 87176F

FFFFFF

 6C0056

 BF52A3

 51003F

 DC6DBE

 390029

 FA88DA

 1B0013

 FFA4F7

 000000

 FFC0FF

 FFD0FF

 FFFAFF

 87176F

 87176F

■ 870A6C

■ 872572

■ 87006A

■ 873275

■ 873F78

■ 874D7B

■ 875B7D

■ 876880

■ 877683

■ 878386

■ 879189

Harmonies

Analogous

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



553894



87176F



980042

Triad

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



87176F



524C00



005D81

Complementary

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



87176F



17872F

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.



005D54



87176F



1D5600

Square

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



87176F



773A00



005B24



00599F

Rectangle

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



87176F



951124



005B24



005D73

Sweetspot

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



87176F



B084A7



2D1787



593E54



D9D9D9



595959

Same Dimension

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



87176F



B0008A



871739



423C41



820066



030002

Inverse Universe

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



87176F



B0008A



178765



423C41



820066



030002

Previews

White Background



This preview shows how the Hex color 87176F looks on a white background.

Color Contrast Check

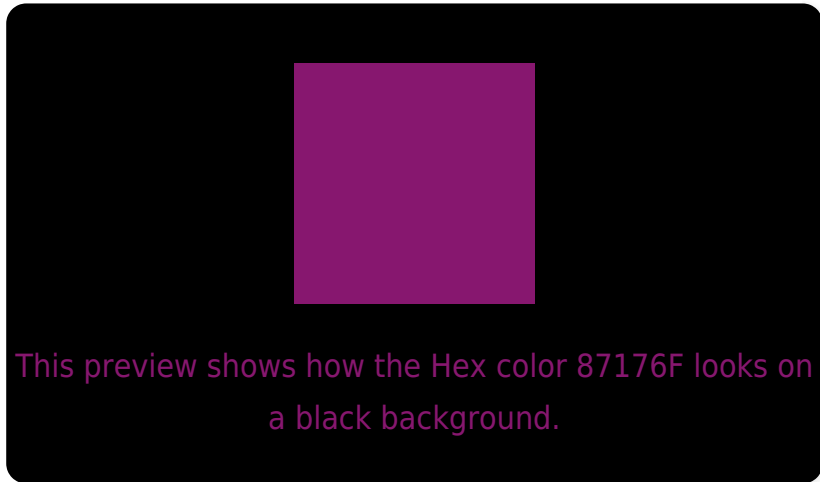
Large Text (above 18pt) WCAG AA ✓ Pass

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

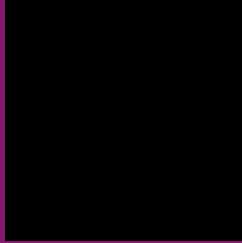
Any Text WCAG AA × Fail

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 87176F Background



This preview shows how black text looks on a background with the Hex color 87176F.




This preview shows how white text looks on a background with the Hex color 87176F.

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
823032

Trichromacy



Original Color
87176F



Protanomaly
413789



Deuteranomaly
5C386B

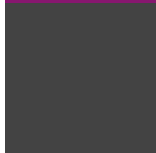


Tritanomaly
842748

Monochromacy



Original Color
87176F



Achromatopsia
434343



Achromatomaly
5C3353

CSS Examples

Text

The CSS property to change the color of the text to Hex 87176F 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 #87176F looks like.

```
.text, #text, p{  
    color:#87176F  
}
```

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 #87176F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87176F
}
```

Border

The CSS property to change the border of an element to Hex 87176F is called "border". The border property can be set on classes, ids or directly on the HTML element.

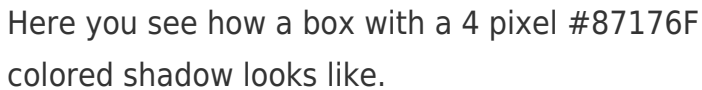
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#87176F }
```

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

```
.border{ border-color:#87176F }
```

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



Here you see how a box with a 4 pixel #87176F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87176F; -webkit-box-shadow:4px 4px  
4px 4px #87176F; box-shadow:4px 4px 4px  
4px #87176F }
```

Background

The CSS property to change the background color of an element to Hex 87176F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87176F }
```

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

```
.background{ background-color:#87176F }
```

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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