

Converting Colors

Hex(870D60)

Have a look what the booklet for
Hex(870D60) contains.

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Color

Hex(870D60)

Conversions

Conversions Part 1

Format	Color
Hex	870D60
RGB	135, 13, 96
RGB Percent	53%, 5%, 38%
CMY	0.4706, 0.9490, 0.6235
CMYK	0.00, 0.90, 0.29, 0.47
HSL	319°, 82%, 29%
HSV	319°, 90%, 53%
XYZ	12.2469, 6.2833, 11.6336
YIQ	58.9400, 46.0690, 51.6770

Conversions

Conversions Part 2

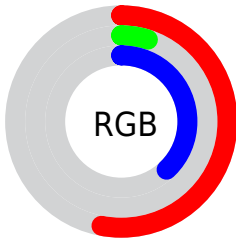
Format	Color
R_{YB}	135, 13, 96
Decimal	8850784
CIE Lab	30.12, 53.76, -15.39
CIE LCh	30, 55.925, 344.024
Yxy	6.2833, 0.4060, 0.2083
Android (android.graphics.Color)	4287040864 (0xFF870D60)
YUV	58.9400, 18.2706, 66.7046
Hunter-Lab	25.0665, 43.3449, -9.9707

Details

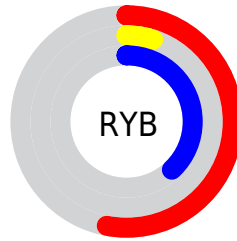
The Hex color **870D60** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **0D8734**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **C04C93**, and **500032** is the 20% darker color. If you saturate the color by 10%, you get **87005C**, and if you desaturate by 10%, it is **871A64**.

Distribution



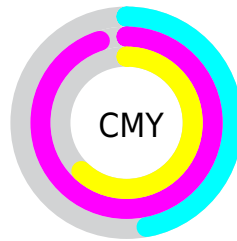
- Red (53%)
- Green (5%)
- Blue (38%)



- Red (53%)
- Yellow (5%)
- Blue (38%)



- Cyan (0%)
- Magenta (90%)
- Yellow (29%)
- Black (47%)



- Cyan (47%)
- Magenta (95%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 870D60 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 870D60 by changing the saturation by 10% instead.

 870D60

 870D60

FFFFFF

 6B0048

 C04C93

 500032

 DD68AD

 39001D

 FB83C9

 170001

 FF9FE5

 000000

 FFBBFF

 FFD8FF

 FFF5FF

 870D60

 870D60

87005C

871A64

872869

87356D

874371

875076

875E7A

876B7E

877983

878787

Harmonies

Analogous

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



602F86



870D60



910035

Triad

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



870D60



454B00



005883

Complementary

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



870D60



0D8734

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.



00595B



870D60



005400

Square

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



870D60



6A3C00



00582D



00539C

Rectangle

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



870D60



8B1919



00582D



005977

Sweetspot

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



870D60



B080A1



340D87



593D50



D9D9D9



595959

Same Dimension

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



870D60



B00078



870D23



423C40



820058



030002

Inverse Universe

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



870D60



B00078



0D8771



423C40



820058



030002

Previews

White Background



This preview shows how the Hex color 870D60 looks on a white background.

Color Contrast Check

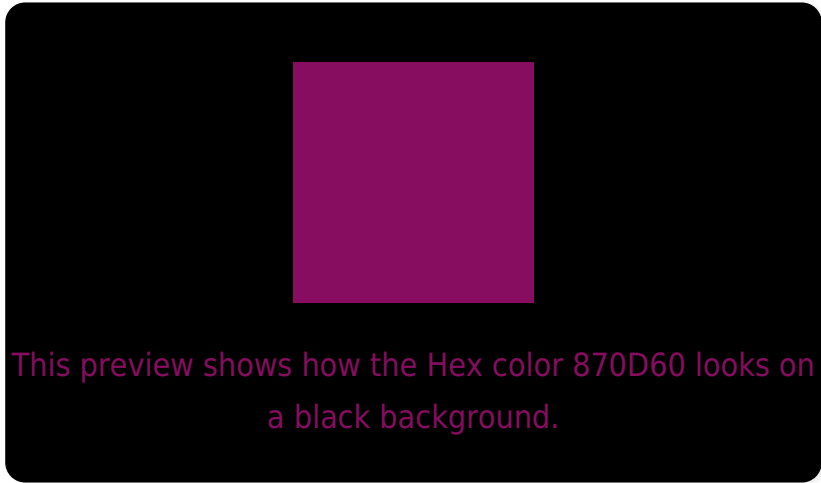
Large Text (above 18pt) WCAG AA ✓ Pass

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

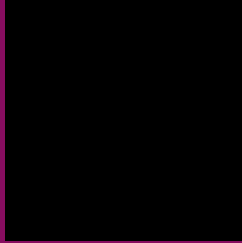
Any Text WCAG AA × Fail

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 870D60 Background



This preview shows how black text looks on a background with the Hex color 870D60.

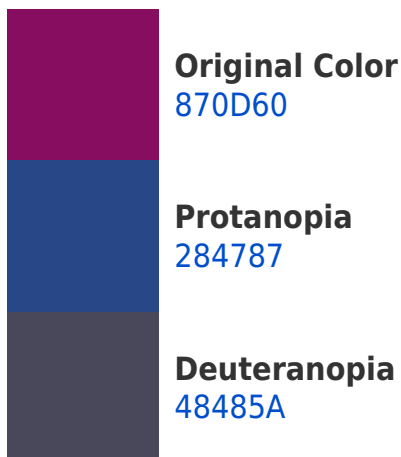


This preview shows how white text looks on a background with the Hex color 870D60.

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
832729

Trichromacy



Original Color
870D60

Protanomaly
4B3279

Deuteranomaly
5F335C

Tritanomaly
841E3D

Monochromacy



Original Color
870D60

Achromatopsia
3B3B3B

Achromatomaly
572A48

CSS Examples

Text

The CSS property to change the color of the text to Hex 870D60 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 #870D60 looks like.

```
.text, #text, p{  
    color:#870D60  
}
```

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 #870D60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #870D60
}
```

Border

The CSS property to change the border of an element to Hex 870D60 is called "border". The border property can be set on classes, ids or directly on the HTML element.

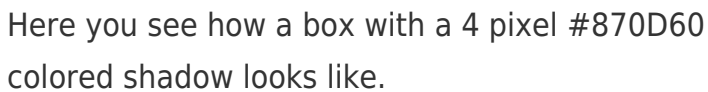
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#870D60 }
```

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

```
.border{ border-color:#870D60 }
```

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



Here you see how a box with a 4 pixel #870D60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #870D60; -webkit-box-shadow:4px 4px  
4px 4px #870D60; box-shadow:4px 4px 4px  
4px #870D60 }
```

Background

The CSS property to change the background color of an element to Hex 870D60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#870D60 }
```

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

```
.background{ background-color:#870D60 }
```

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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