

Converting Colors

Hex(86006B)

Have a look what the booklet for
Hex(86006B) contains.

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Color

Hex(86006B)

Conversions

Conversions Part 1

Format	Color
Hex	86006B
RGB	134, 0, 107
RGB Percent	53%, 0%, 42%
CMY	0.4745, 1.0000, 0.5804
CMYK	0.00, 1.00, 0.20, 0.47
HSL	312°, 100%, 26%
HSV	312°, 100%, 53%
XYZ	12.4854, 6.1299, 14.4350
YIQ	52.2640, 45.5170, 61.6850

Conversions

Conversions Part 2

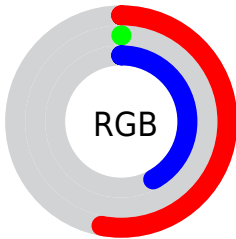
Format	Color
R_{YB}	134, 0, 107
Decimal	8781931
CIE _{Lab}	29.74, 57.02, -23.12
CIE _{LCh}	30, 61.534, 337.929
Yxy	6.1299, 0.3778, 0.1855
Android (android.graphics.Color)	4286972011 (0xFF86006B)
YUV	52.2640, 26.9848, 71.6825
Hunter-Lab	24.7586, 46.6872, -17.2370

Details

The Hex color **86006B** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **00861B**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **BF489F**, and **4F003B** is the 20% darker color. If you saturate the color by 10%, you get **86006B**, and if you desaturate by 10%, it is **860D6E**.

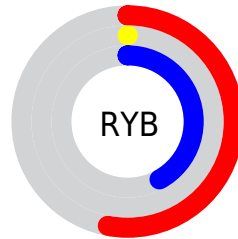
Distribution



Red (53%)

Green (0%)

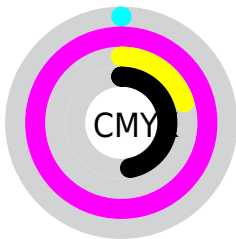
Blue (42%)



Red (53%)

Yellow (0%)

Blue (42%)

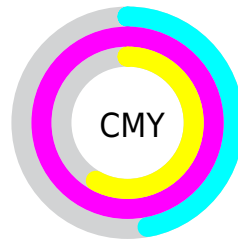


Cyan (0%)

Magenta (100%)

Yellow (20%)

Black (47%)



Cyan (47%)

Magenta (100%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86006B 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 86006B by changing the saturation by 10% instead.

 86006B

 86006B

FFFFFF

 6A0053

 BF489F

 4F003B

 DC64BA

 380026

 FA7FD6

 16000D

 FF9BF2

 000000

 FFB7FF

 FFD4FF

 FFF1FF

 86006B

 860D6E

 861B70

 862873

 863676

 864379

 86507B

 865E7E

 866B81

 867983

Harmonies

Analogous

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



523193



86006B



96003C

Triad

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



86006B



4B4800



005980

Complementary

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



86006B



00861B

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.



005952



86006B



0E5200

Square

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



86006B



723600



00571F



0055A0

Rectangle

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



86006B



92001D



00571F



005972

Sweetspot

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



86006B



AD79A3



1B0086



573750



D6D6D6



575757

Same Dimension

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



86006B



AD008A



860028



423C41



820068



030002

Inverse Universe

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



86006B



AD008A



00865E



423C41



820068



030002

Previews

White Background



This preview shows how the Hex color 86006B looks on a white background.

Color Contrast Check

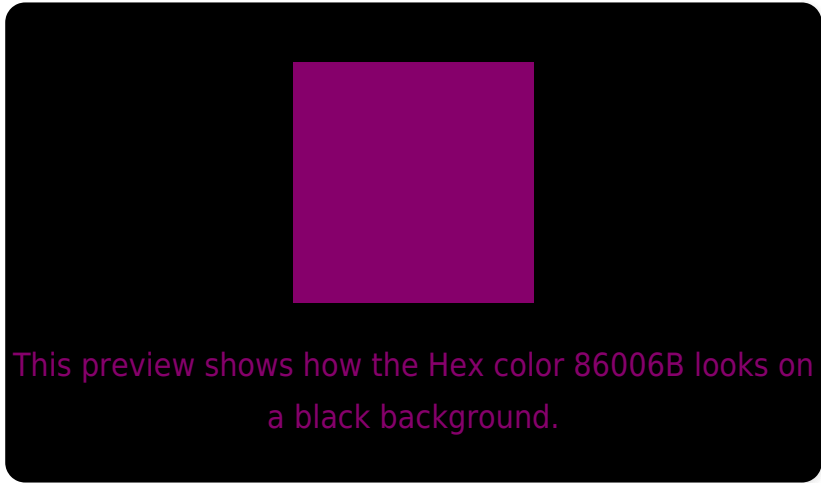
Large Text (above 18pt) WCAG AA ✓ Pass

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

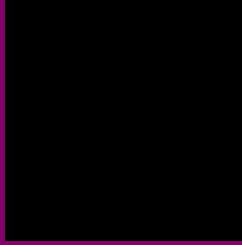
Any Text WCAG AA × Fail

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 86006B Background



This preview shows how black text looks on a background with the Hex color 86006B.

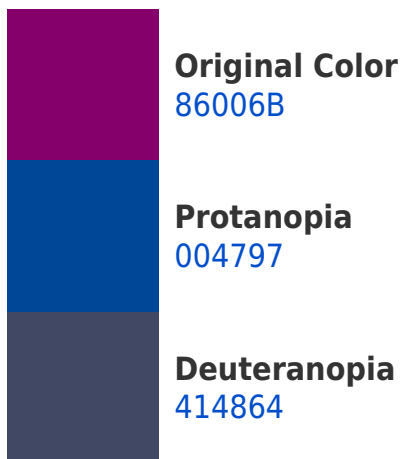


This preview shows how white text looks on a background with the Hex color 86006B.

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



Trichromacy



Original Color
86006B



Protanomaly
312D87



Deuteranomaly
5A2E67



Tritanomaly
831B43

Monochromacy



Original Color
86006B



Achromatopsia
343434



Achromatomaly
522148

CSS Examples

Text

The CSS property to change the color of the text to Hex 86006B 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 #86006B looks like.

```
.text, #text, p{  
    color:#86006B  
}
```

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 #86006B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86006B
}
```

Border

The CSS property to change the border of an element to Hex 86006B is called "border". The border property can be set on classes, ids or directly on the HTML element.

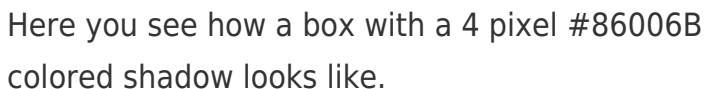
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#86006B }
```

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

```
.border{ border-color:#86006B }
```

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



Here you see how a box with a 4 pixel #86006B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86006B; -webkit-box-shadow:4px 4px  
4px 4px #86006B; box-shadow:4px 4px 4px  
4px #86006B }
```

Background

The CSS property to change the background color of an element to Hex 86006B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86006B }
```

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

```
.background{ background-color:#86006B }
```

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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