

Converting Colors

Hex(8B006D)

Have a look what the booklet for
Hex(8B006D) contains.

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Color

Hex(8B006D)

Conversions

Conversions Part 1

Format	Color
Hex	8B006D
RGB	139, 0, 109
RGB Percent	55%, 0%, 43%
CMY	0.4549, 1.0000, 0.5725
CMYK	0.00, 1.00, 0.22, 0.45
HSL	313°, 100%, 27%
HSV	313°, 100%, 55%
XYZ	13.4078, 6.5931, 15.0339
YIQ	53.9870, 47.8550, 63.3670

Conversions

Conversions Part 2

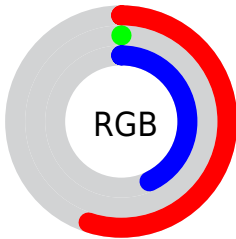
Format	Color
RYB	139, 0, 109
Decimal	9109613
CIELab	30.86, 58.29, -22.57
CIElCh	31, 62.509, 338.829
Yxy	6.5931, 0.3827, 0.1882
Android (android.graphics.Color)	4287299693 (0xFF8B006D)
YUV	53.9870, 27.1214, 74.5564
Hunter-Lab	25.6770, 48.2726, -16.7404

Details

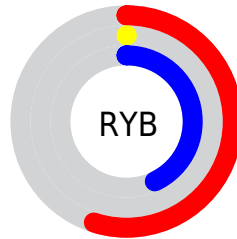
The Hex color **8B006D** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **008B1E**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **C44AA1**, and **54003D** is the 20% darker color. If you saturate the color by 10%, you get **8B006D**, and if you desaturate by 10%, it is **8B0E70**.

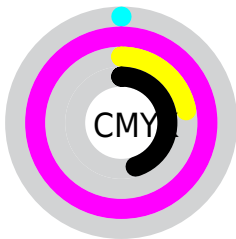
Distribution



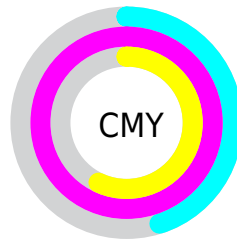
- Red (55%)
- Green (0%)
- Blue (43%)



- Red (55%)
- Yellow (0%)
- Blue (43%)



- Cyan (0%)
- Magenta (100%)
- Yellow (22%)
- Black (45%)



- Cyan (45%)
- Magenta (100%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8B006D 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 8B006D by changing the saturation by 10% instead.

 8B006D

 8B006D

FFFFFF

 6F0054

 C44AA1

 54003D

 E165BC

 3C0027

 FF81D8

 1D0010

 FF9DF4

 000000

 FFB9FF

 FFD6FF

 FFF4FF

 8B006D

 8B0E70

 8B1C73

 8B2A76

 8B3879

 8B467C

 8B537F

 8B6182

 8B6F85

 8B7D88

Harmonies

Analogous

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



583396



8B006D



9B003D

Triad

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



8B006D



4D4B00



005C86

Complementary

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



8B006D



008B1E

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.



005C56



8B006D



0B5600

Square

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



8B006D



753900



005A22



0057A5

Rectangle

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



8B006D



96001D



005A22



005C77

Sweetspot

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



8B006D



B57FA9



1C008B



5C3B55



DBDBDB



5C5C5C

Same Dimension

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



8B006D



B5008E



8B002A



453E43



850068



050004

Inverse Universe

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



8B006D



B5008E



008B61



453E43



850068



050004

Previews

White Background



This preview shows how the Hex color 8B006D looks on a white background.

Color Contrast Check

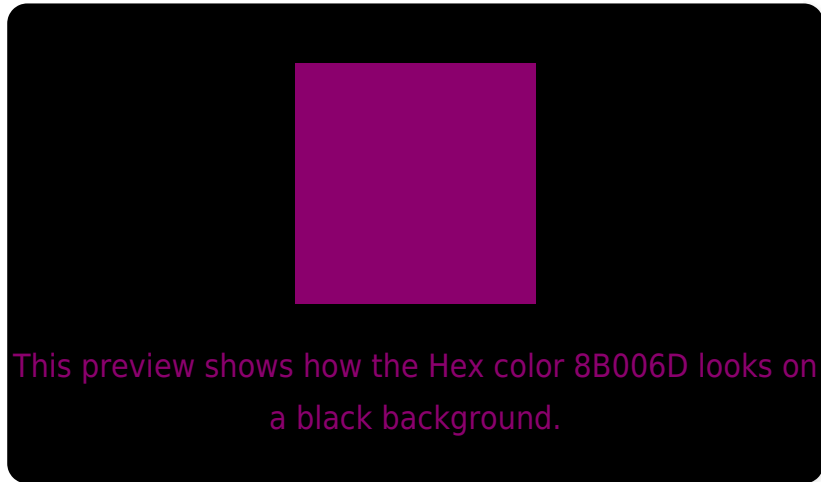
Large Text (above 18pt) WCAG AA ✓ Pass

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

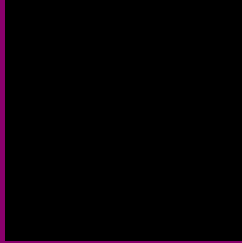
Any Text WCAG AA × Fail

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 8B006D Background



This preview shows how black text looks on a background with the Hex color 8B006D.

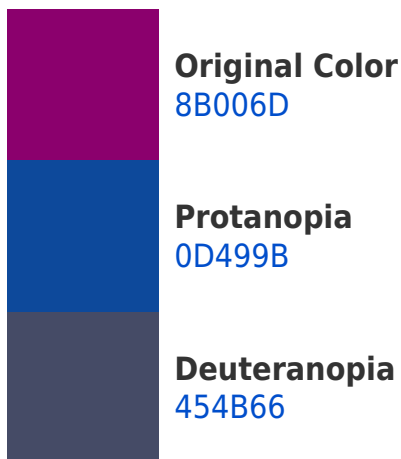


This preview shows how white text looks on a background with the Hex color 8B006D.

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
862B2D

Trichromacy



Original Color
8B006D



Protanomaly
3B2E8A



Deuteranomaly
5E3069



Tritanomaly
881B44

Monochromacy



Original Color
8B006D



Achromatopsia
363636



Achromatomaly
55224A

CSS Examples

Text

The CSS property to change the color of the text to Hex 8B006D 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 #8B006D looks like.

```
.text, #text, p{  
    color:#8B006D  
}
```

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 #8B006D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B006D
}
```

Border

The CSS property to change the border of an element to Hex 8B006D 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
#8B006D }
```

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

```
.border{ border-color:#8B006D }
```

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

Here you see how a box with a 4 pixel #8B006D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B006D; -webkit-box-shadow:4px 4px  
4px 4px #8B006D; box-shadow:4px 4px 4px  
4px #8B006D }
```

Background

The CSS property to change the background color of an element to Hex 8B006D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B006D }
```

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

```
.background{ background-color:#8B006D }
```

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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