

# Converting Colors

Hex(88004D)

Have a look what the booklet for  
Hex(88004D) contains.

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# Color

**Hex(88004D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	88004D
RGB	136, 0, 77
RGB Percent	53%, 0%, 30%
CMY	0.4667, 1.0000, 0.6980
CMYK	0.00, 1.00, 0.43, 0.47
HSL	326°, 100%, 27%
HSV	326°, 100%, 53%
XYZ	11.4929, 5.7701, 7.5292
YIQ	49.4420, 56.3390, 52.7790

# Conversions

## Conversions Part 2

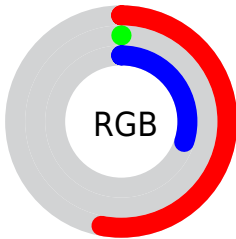
Format	Color
<a href="#">RYB</a>	<a href="#">136, 0, 77</a>
Decimal	<a href="#">8912973</a>
CIELab	<a href="#">28.82, 54.04, -4.81</a>
CIELCh	<a href="#">29, 54.252, 354.917</a>
Yxy	<a href="#">5.7701, 0.4636, 0.2327</a>
Android (android.graphics.Color)	<a href="#">4287103053</a> ( <a href="#">0xFF88004D</a> )
YUV	<a href="#">49.4420, 13.5861, 75.9114</a>
Hunter-Lab	<a href="#">24.0210, 43.3672, -1.7693</a>

# Details

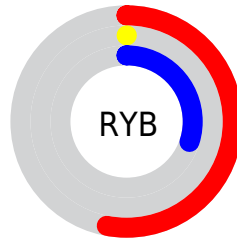
The Hex color **88004D** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **00883B**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **C2477E**, and **500021** is the 20% darker color. If you saturate the color by 10%, you get **88004D**, and if you desaturate by 10%, it is **880E53**.

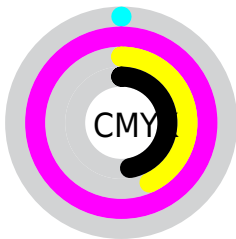
# Distribution



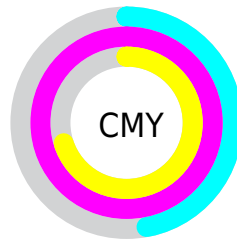
- Red (53%)
- Green (0%)
- Blue (30%)



- Red (53%)
- Yellow (0%)
- Blue (30%)



- Cyan (0%)
- Magenta (100%)
- Yellow (43%)
- Black (47%)



- Cyan (47%)
- Magenta (100%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 88004D 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 88004D by changing the saturation by 10% instead.



 88004D

 88004D

FFFFFF

 6C0036

 C2477E

 500021

 DF6398

 380009

 FD7EB2

 0F0000

 FF9ACE

 000000

 FFB6EA

 FFD2FF

 FFF0FF

 88004D

 880E53

 881B59

 88295F

 883665

 88446B

 885270

 885F76

 886D7C

 887A82

# Harmonies

## Analogous

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



6E2375



88004D



890D24

# Triad

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



88004D



334C00



005389

# Complementary

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



88004D



00883B

# 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.



005566



88004D



00520C

# Square

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



88004D



5A4000



00553B



004C99

# Rectangle

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



88004D



7F2306



00553B



00547F



# Sweetspot

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



88004D



B07B99



3B0088



59394B



D9D9D9



595959



# Same Dimension

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



88004D



B00064



880009



453E42



85004B



050003



# Inverse Universe

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



88004D



B00064



00887F



453E42



85004B



050003



# Previews

## White Background



This preview shows how the Hex color 88004D looks on a white background.

## Color Contrast Check

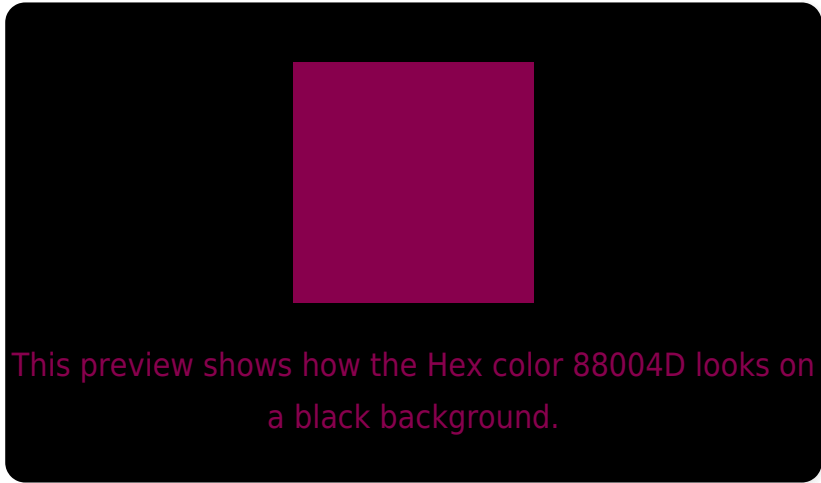
Large Text (above 18pt) WCAG AA ✓ Pass

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 88004D Background



This preview shows how black text looks on a background with the Hex color 88004D.



This preview shows how white text looks on a background with the Hex color 88004D.

# 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



**Original Color**  
88004D

**Protanopia**  
39466F

**Deuteranopia**  
4E4547



**Tritanopia**  
861F1F

# Trichromacy



**Original Color**  
88004D

**Protanomaly**  
562D63

**Deuteranomaly**  
632C49

**Tritanomaly**  
871430

# Monochromacy



**Original Color**  
88004D

**Achromatopsia**  
313131

**Achromatomaly**  
511F3B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 88004D 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 #88004D looks like.

```
.text, #text, p{  
    color:#88004D  
}
```

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 #88004D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88004D
}
```

## Border

The CSS property to change the border of an element to Hex 88004D 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
#88004D }
```

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

```
.border{ border-color:#88004D }
```

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

Here you see how a box with a 4 pixel #88004D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88004D; -webkit-box-shadow:4px 4px  
4px 4px #88004D; box-shadow:4px 4px 4px  
4px #88004D }
```

# Background

The CSS property to change the background color of an element to Hex 88004D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88004D }
```

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

```
.background{ background-color:#88004D }
```

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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