

# Converting Colors

Hex(001086)

Have a look what the booklet for  
Hex(001086) contains.

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# Color

**Hex(001086)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	001086
RGB	0, 16, 134
RGB Percent	0%, 6%, 53%
CMY	1.0000, 0.9373, 0.4745
CMYK	1.00, 0.88, 0.00, 0.47
HSL	233°, 100%, 26%
HSV	233°, 100%, 53%
XYZ	4.4884, 2.0918, 22.7215
YIQ	24.6680, -47.4140, 33.3060

# Conversions

## Conversions Part 2

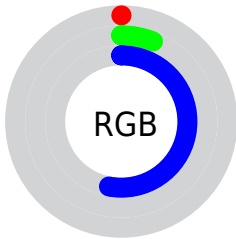
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 14, 134
Decimal	4230
CIELab	15.96, 42.96, -63.52
CIELCh	16, 76.684, 304.070
Yxy	2.0918, 0.1532, 0.0714
Android (android.graphics.Color)	4278194310 (0xFF001086)
YUV	24.6680, 53.9007, -21.6338
Hunter-Lab	14.4631, 30.0839, -83.0201

# Details

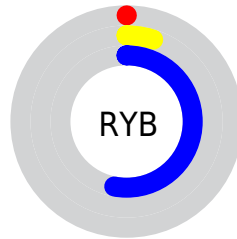
The Hex color **001086** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **867600**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **533EBD**, and **000053** is the 20% darker color. If you saturate the color by 10%, you get **001086**, and if you desaturate by 10%, it is **0D1C86**.

# Distribution



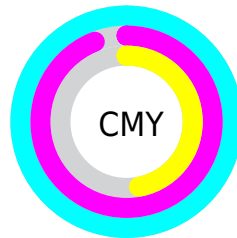
- Red (0%)
- Green (6%)
- Blue (53%)



- Red (0%)
- Yellow (5%)
- Blue (53%)



- Cyan (100%)
- Magenta (88%)
- Yellow (0%)
- Black (47%)



- Cyan (100%)
- Magenta (94%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 001086 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 001086 by changing the saturation by 10% instead.



 001086


 001086

 FFF8FF

 00006C

 533EBD

 000053

 7157D9

 00063B

 8E70F6

 000224

 AB89FF

 00000C

 C8A4FF

 000000

 E6BFFF

 FFDCCF

 001086

■ 0D1C86

■ 1B2886

■ 283386

■ 363F86

■ 434B86

■ 505786

■ 5E6386

■ 6B6E86

■ 797A86

# Harmonies

## Analogous

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



00319A



001086



680059

# Triad

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



001086



550700



00392E

# Complementary

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



001086



867600

# 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.



003800



001086



2C2900

# Square

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



001086



720000



003300



003B65

# Rectangle

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



001086



790035



003300



00381B



# Sweetspot

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



001086



7980AD



008674



373B57



D6D6D6



575757



# Same Dimension

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



001086



0015AD



310086



3C3C42



001082



000003



# Inverse Universe

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



860010



AD0015



558600



423C3C



820010

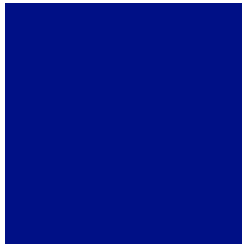


030000



# Previews

## White Background



This preview shows how the Hex color 001086 looks on a white background.

## Color Contrast Check

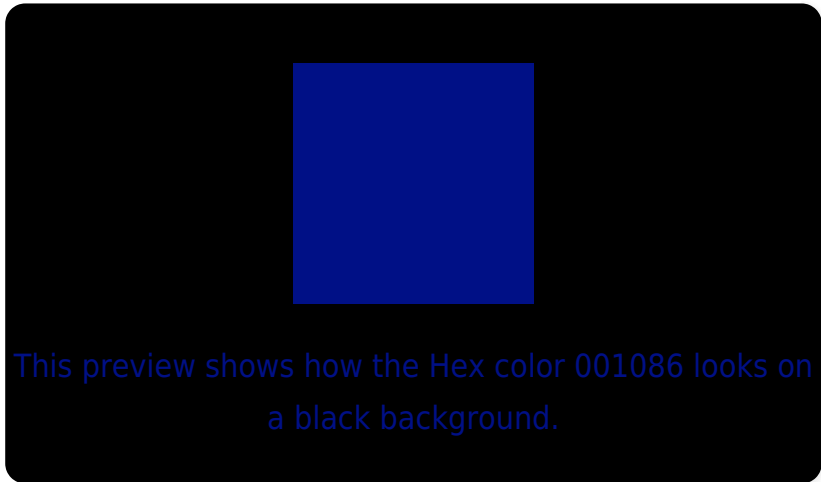
Large Text (above 18pt) WCAG AA ✓ Pass

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

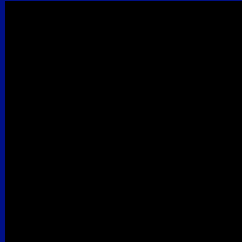
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 001086 Background



This preview shows how black text looks on a background with the Hex color 001086.



This preview shows how white text looks on a background with the Hex color 001086.

# 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**  
001086

**Protanopia**  
002955

**Deuteranopia**  
002C48



**Tritanopia**  
002F31

# Trichromacy



**Original Color**  
001086

**Protanomaly**  
002067

**Deuteranomaly**  
00225F

**Tritanomaly**  
002450

# Monochromacy



**Original Color**  
001086

**Achromatopsia**  
191919

**Achromatomaly**  
101641

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 001086 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 #001086 looks like.

```
.text, #text, p{  
    color:#001086  
}
```

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 #001086 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001086
}
```

## Border

The CSS property to change the border of an element to Hex 001086 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
#001086 }
```

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

```
.border{ border-color:#001086 }
```

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

Here you see how a box with a 4 pixel #001086 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001086; -webkit-box-shadow:4px 4px  
4px 4px #001086; box-shadow:4px 4px 4px  
4px #001086 }
```

# Background

The CSS property to change the background color of an element to Hex 001086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001086 }
```

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

```
.background{ background-color:#001086 }
```

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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