

# Converting Colors

Hex(001436)

Have a look what the booklet for  
Hex(001436) contains.

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# Color

**Hex(001436)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	001436
RGB	0, 20, 54
RGB Percent	0%, 8%, 21%
CMY	1.0000, 0.9216, 0.7882
CMYK	1.00, 0.63, 0.00, 0.79
HSL	218°, 100%, 11%
HSV	218°, 100%, 21%
XYZ	0.9160, 0.7667, 3.5897
YIQ	17.8960, -22.8340, 6.3340

# Conversions

## Conversions Part 2

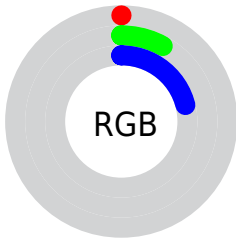
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 15, 54
Decimal	5174
CIELab	6.93, 7.59, -24.60
CIELCh	7, 25.748, 287.141
Yxy	0.7667, 0.1737, 0.1454
Android (android.graphics.Color)	4278195254 (0xFF001436)
YUV	17.8960, 17.7993, -15.6948
Hunter-Lab	8.7559, 3.3513, -18.1786

# Details

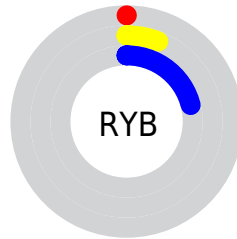
The Hex color **001436** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **362200**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **333E65**, and **000005** is the 20% darker color. If you saturate the color by 10%, you get **001436**, and if you desaturate by 10%, it is **051736**.

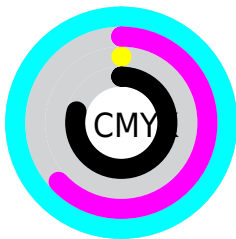
# Distribution



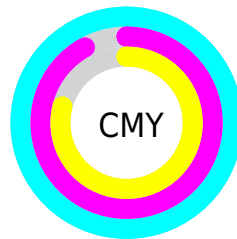
- Red (0%)
- Green (8%)
- Blue (21%)



- Red (0%)
- Yellow (6%)
- Blue (21%)



- Cyan (100%)
- Magenta (63%)
- Yellow (0%)
- Black (79%)



- Cyan (100%)
- Magenta (92%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 001436 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 001436 by changing the saturation by 10% instead.



 001436

 001436

 ECF3FF

 000221

 333E65

 000005

 4B557E

 000000

 646D98

 7E86B3

 99A0CF

 B4BBEB

 D0D7FF

 001436

■ 051736

■ 0B1B36

■ 101E36

■ 162236

■ 1B2536

■ 202836

■ 262C36

■ 2B2F36

■ 313336

# Harmonies

## Analogous

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



001A37



001436



220B2D

# Triad

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



001436



2E0900



001F0A

# Complementary

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



001436



362200

# 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.



001C00



001436



221200

# Square

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



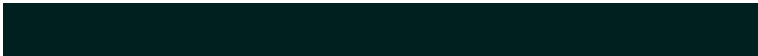
001436



330208



121800



001F1F

# Rectangle

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



001436



2C0523



121800



001E00



# Sweetspot

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



001436



323A47



003621



171C24



A3A3A3



242424



# Same Dimension

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



001436



001A47



060036



191A1C



00225C



0051DB



# Inverse Universe

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



360014



47001A



303600



1C191A



5C0022



DB0051



# Previews

## White Background



This preview shows how the Hex color 001436 looks on a white background.

## Color Contrast Check

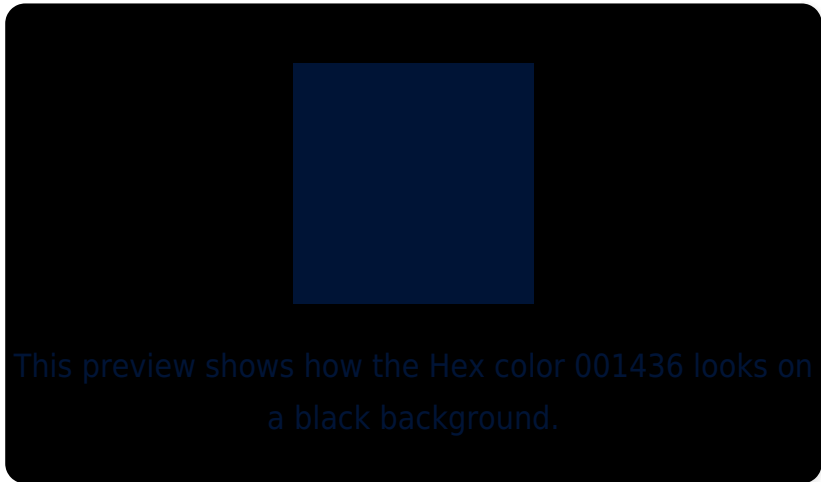
Large Text (above 18pt) WCAG AA ✓ Pass

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

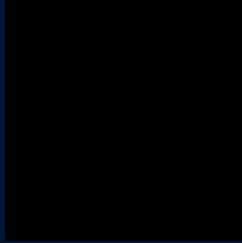
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 001436 Background



This preview shows how black text looks on a background with the Hex color 001436.



This preview shows how white text looks on a background with the Hex color 001436.

# 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**  
001436

**Protanopia**  
00162F

**Deuteranopia**  
001828



**Tritanopia**  
00191B

# Trichromacy



**Original Color**  
001436

**Protanomaly**  
001532

**Deuteranomaly**  
00172D

**Tritanomaly**  
001725

# Monochromacy



**Original Color**  
001436

**Achromatopsia**  
121212

**Achromatomaly**  
0B131F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 001436 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 #001436 looks like.

```
.text, #text, p{  
    color:#001436  
}
```

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 #001436 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001436
}
```

## Border

The CSS property to change the border of an element to Hex 001436 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
#001436 }
```

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

```
.border{ border-color:#001436 }
```

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

Here you see how a box with a 4 pixel #001436 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001436; -webkit-box-shadow:4px 4px  
4px 4px #001436; box-shadow:4px 4px 4px  
4px #001436 }
```

# Background

The CSS property to change the background color of an element to Hex 001436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001436 }
```

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

```
.background{ background-color:#001436 }
```

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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