

Converting Colors

Hex(001853)

Have a look what the booklet for
Hex(001853) contains.

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Color

Hex(001853)

Conversions

Conversions Part 1

Format	Color
Hex	001853
RGB	0, 24, 83
RGB Percent	0%, 9%, 33%
CMY	1.0000, 0.9059, 0.6745
CMYK	1.00, 0.71, 0.00, 0.67
HSL	223°, 100%, 16%
HSV	223°, 100%, 33%
XYZ	1.8880, 1.2778, 8.3307
YIQ	23.5500, -33.2430, 13.2610

Conversions

Conversions Part 2

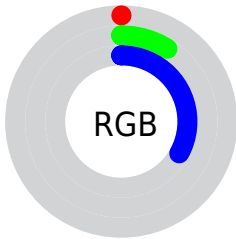
Format	Color
R_{YB}	0, 19, 83
Decimal	6227
CIE _{Lab}	11.12, 18.52, -38.15
CIE _{LCh}	11, 42.405, 295.893
Yxy	1.2778, 0.1642, 0.1111
Android (android.graphics.Color)	4278196307 (0xFF001853)
YUV	23.5500, 29.3088, -20.6533
Hunter-Lab	11.3040, 10.0307, -35.7824

Details

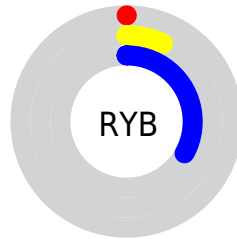
The Hex color **001853** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **533B00**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **3F4285**, and **000225** is the 20% darker color. If you saturate the color by 10%, you get **001853**, and if you desaturate by 10%, it is **081E53**.

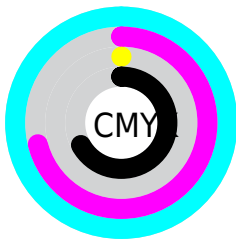
Distribution



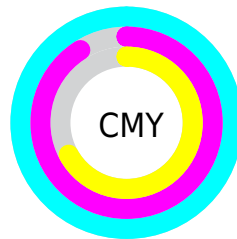
- Red (0%)
- Green (9%)
- Blue (33%)



- Red (0%)
- Yellow (7%)
- Blue (33%)



- Cyan (100%)
- Magenta (71%)
- Yellow (0%)
- Black (67%)



- Cyan (100%)
- Magenta (91%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001853 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 001853 by changing the saturation by 10% instead.

001853

001853

FFFAFF

00003C

3F4285

000225

595AA0

00010D

7472BB

000000

8F8CD7

AAA6F4

C6C1FF

E3DDFF

001853

■ 081E53

■ 112453

■ 192A53

■ 213053

■ 293553

■ 323B53

■ 3A4153

■ 424753

■ 4B4D53

Harmonies

Analogous

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



002359



001853



3B003F

Triad

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



001853



3F0B00



002A19

Complementary

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



001853



533B00

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.



002800



001853



2A1B00

Square

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



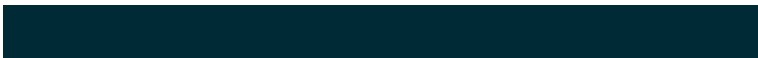
001853



4C0000



0C2300



002A36

Rectangle

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



001853



48002D



0C2300



00290D

Sweetspot

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



001853



4B546B



00533A



222836



B5B5B5



363636

Same Dimension

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



001853



001F6B



110053



252629



001E69



0043E8

Inverse Universe

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



530018



6B001F



425300



292526



69001E



E80043

Previews

White Background



This preview shows how the Hex color 001853 looks on a white background.

Color Contrast Check

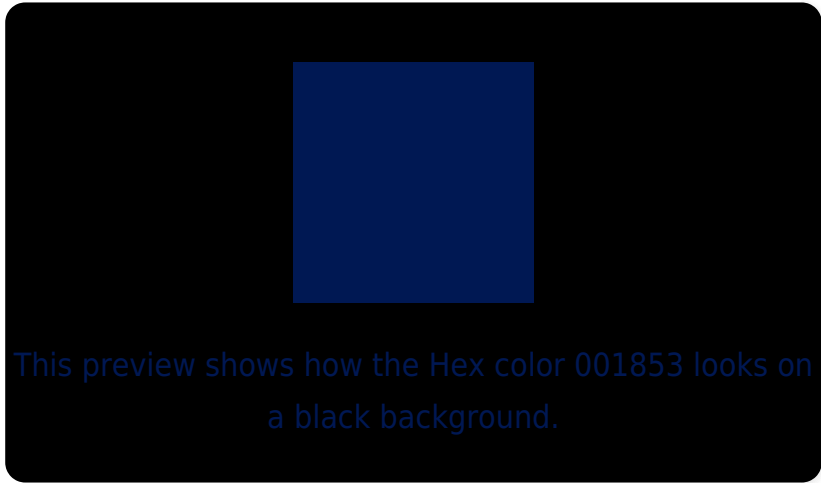
Large Text (above 18pt) WCAG AA ✓ Pass

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

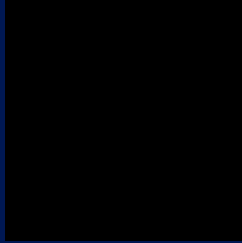
Any Text WCAG AA × Fail

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 001853 Background



This preview shows how black text looks on a background with the Hex color 001853.



This preview shows how white text looks on a background with the Hex color 001853.

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
001853

Protanopia
001E40

Deuteranopia
002036

Trichromacy



Original Color
001853

Protanomaly
001C47

Deuteranomaly
001D41

Tritanomaly
001F36

Monochromacy



Original Color
001853

Achromatopsia
181818

Achromatomaly
0F182D

CSS Examples

Text

The CSS property to change the color of the text to Hex 001853 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 #001853 looks like.

```
.text, #text, p{  
    color:#001853  
}
```

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 #001853 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001853
}
```

Border

The CSS property to change the border of an element to Hex 001853 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
#001853 }
```

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

```
.border{ border-color:#001853 }
```

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

Here you see how a box with a 4 pixel #001853 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001853; -webkit-box-shadow:4px 4px  
4px 4px #001853; box-shadow:4px 4px 4px  
4px #001853 }
```

Background

The CSS property to change the background color of an element to Hex 001853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001853 }
```

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

```
.background{ background-color:#001853 }
```

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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