

Converting Colors

Hex(001453)

Have a look what the booklet for
Hex(001453) contains.

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Color

Hex(001453)

Conversions

Conversions Part 1

Format	Color
Hex	001453
RGB	0, 20, 83
RGB Percent	0%, 8%, 33%
CMY	1.0000, 0.9216, 0.6745
CMYK	1.00, 0.76, 0.00, 0.67
HSL	226°, 100%, 16%
HSV	226°, 100%, 33%
XYZ	1.8115, 1.1248, 8.3053
YIQ	21.2020, -32.1430, 15.3530

Conversions

Conversions Part 2

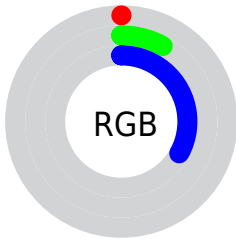
Format	Color
R_{YB}	0, 16, 83
Decimal	5203
CIE _{Lab}	9.99, 21.53, -40.01
CIE _{LCh}	10, 45.432, 298.285
Yxy	1.1248, 0.1611, 0.1001
Android (android.graphics.Color)	4278195283 (0xFF001453)
YUV	21.2020, 30.4664, -18.5942
Hunter-Lab	10.6059, 11.9276, -39.0048

Details

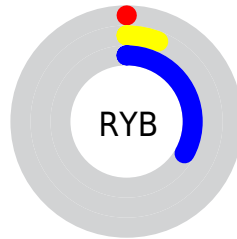
The Hex color **001453** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **533F00**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **403E85**, and **000225** is the 20% darker color. If you saturate the color by 10%, you get **001453**, and if you desaturate by 10%, it is **081A53**.

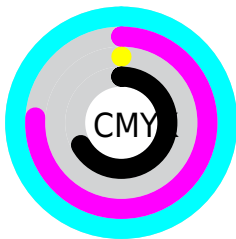
Distribution



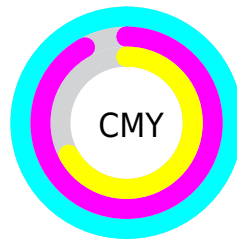
- Red (0%)
- Green (8%)
- Blue (33%)



- Red (0%)
- Yellow (6%)
- Blue (33%)



- Cyan (100%)
- Magenta (76%)
- Yellow (0%)
- Black (67%)



- Cyan (100%)
- Magenta (92%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001453 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 001453 by changing the saturation by 10% instead.

 001453

 001453

 FFF4FF

 00003C

 403E85

 000225

 5A55A0

 00010D

 746EBB

 000000

 8F87D7

 ABA1F4

 C7BCFF

 E4D8FF

 001453

■ 081A53

■ 112153

■ 192753

■ 212D53

■ 293353

■ 323A53

■ 3A4053

■ 424653

■ 4B4D53

Harmonies

Analogous

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



00215B



001453



3C003C

Triad

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



001453



3C0900



002819

Complementary

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



001453



533F00

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.



002700



001453



251A00

Square

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



001453



4A0000



002200



002938

Rectangle

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



001453



490029



002200



00280C

Sweetspot

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



001453



4B536B



00533E



222736



B5B5B5



363636

Same Dimension

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



001453



001A6B



150053



252629



001969



0038E8

Inverse Universe

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



530014



6B001A



3E5300



292526



690019



E80038

Previews

White Background



This preview shows how the Hex color 001453 looks on a white background.

Color Contrast Check

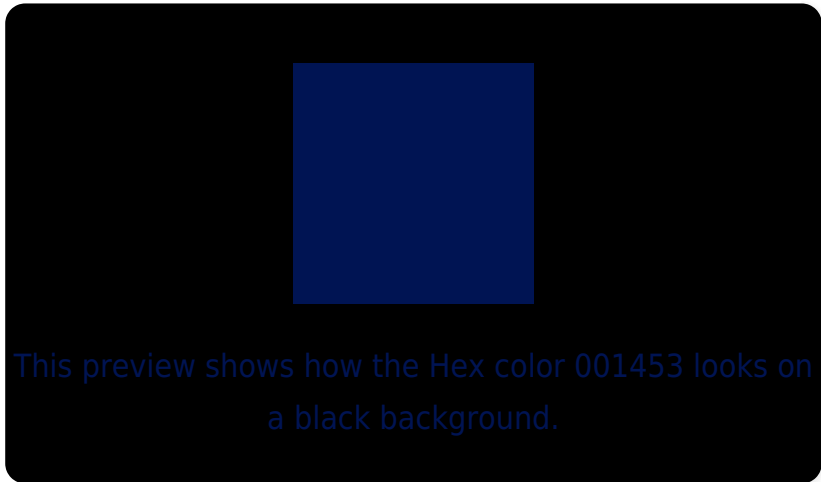
Large Text (above 18pt) WCAG AA ✓ Pass

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

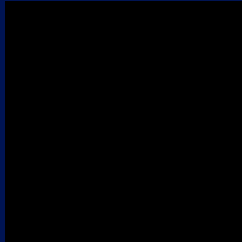
Any Text WCAG AA × Fail

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 001453 Background



This preview shows how black text looks on a background with the Hex color 001453.



This preview shows how white text looks on a background with the Hex color 001453.

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
001453

Protanopia
001D3C

Deuteranopia
001E33

Trichromacy



Original Color
001453

Protanomaly
001A44

Deuteranomaly
001A3F

Tritanomaly
001C34

Monochromacy



Original Color
001453

Achromatopsia
151515

Achromatomaly
0D152C

CSS Examples

Text

The CSS property to change the color of the text to Hex 001453 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 #001453 looks like.

```
.text, #text, p{  
    color:#001453  
}
```

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 #001453 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001453
}
```

Border

The CSS property to change the border of an element to Hex 001453 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
#001453 }
```

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

```
.border{ border-color:#001453 }
```

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

Here you see how a box with a 4 pixel #001453 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001453; -webkit-box-shadow:4px 4px  
4px 4px #001453; box-shadow:4px 4px 4px  
4px #001453 }
```

Background

The CSS property to change the background color of an element to Hex 001453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001453 }
```

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

```
.background{ background-color:#001453 }
```

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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