

Converting Colors

Hex(000151)

Have a look what the booklet for
Hex(000151) contains.

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Color

Hex(000151)

Conversions

Conversions Part 1

Format	Color
Hex	000151
RGB	0, 1, 81
RGB Percent	0%, 0%, 32%
CMY	1.0000, 0.9961, 0.6824
CMYK	1.00, 0.99, 0.00, 0.68
HSL	239°, 100%, 16%
HSV	239°, 100%, 32%
XYZ	1.4961, 0.6158, 7.8246
YIQ	9.8210, -26.2760, 24.6680

Conversions

Conversions Part 2

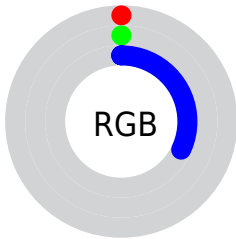
Format	Color
RYB	0, 1, 81
Decimal	337
CIELab	5.56, 32.37, -45.97
CIELCh	6, 56.224, 305.145
Yxy	0.6158, 0.1506, 0.0620
Android (android.graphics.Color)	4278190417 (0xFF000151)
YUV	9.8210, 35.0912, -8.6130
Hunter-Lab	7.8472, 20.2980, -53.6259

Details

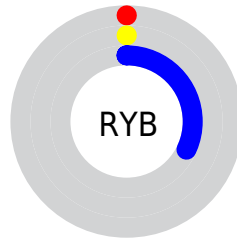
The Hex color **000151** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **515000**, and the grayscale version is **0A0A0A**.

A 20% lighter version of the original color is **402D83**, and **000223** is the 20% darker color. If you saturate the color by 10%, you get **000151**, and if you desaturate by 10%, it is **080951**.

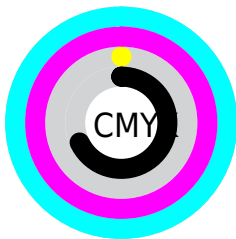
Distribution



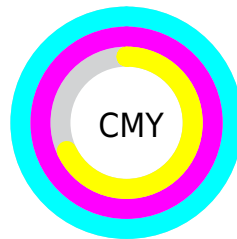
- Red (0%)
- Green (0%)
- Blue (32%)



- Red (0%)
- Yellow (0%)
- Blue (32%)



- Cyan (100%)
- Magenta (99%)
- Yellow (0%)
- Black (68%)



- Cyan (100%)
- Magenta (100%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 000151 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 000151 by changing the saturation by 10% instead.

 000151

 000151

 FFE0FF

 000039

 402D83

 000223

 5B449E

 000009

 765CB9

 000000

 9174D5

 AD8EF2

 CAA9FF

 E7C4FF

 000151

■ 080951

■ 101151

■ 181951

■ 202151

■ 292951

■ 313151

■ 393951

■ 414151

■ 494951

Harmonies

Analogous

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



00185F



000151



3E0032

Triad

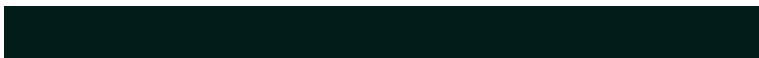
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



000151



300000



001D19

Complementary

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



000151



515000

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



000151



111400

Square

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



000151



430000



001C00



001F3D

Rectangle

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



000151



49001B



001C00



001C08

Sweetspot

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



000151



494A69



005150



222336



B5B5B5



363636

Same Dimension

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



000151



000169



270051



252529



0003E8

Inverse Universe

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



510001



690001



2A5100



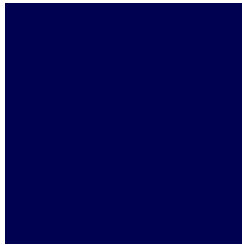
292525



E80003

Previews

White Background



This preview shows how the Hex color 000151 looks on a white background.

Color Contrast Check

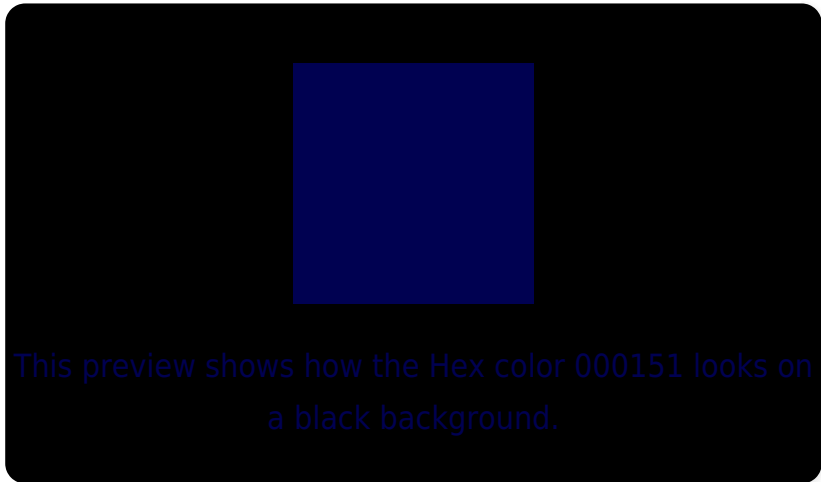
Large Text (above 18pt) WCAG AA ✓ Pass

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

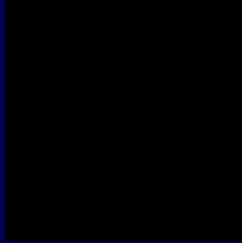
Any Text WCAG AA × Fail

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 000151 Background



This preview shows how black text looks on a background with the Hex color 000151.



This preview shows how white text looks on a background with the Hex color 000151.

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
000151

Deuteranopia
00192A

Tritanopia
001B1C

Trichromacy



Original Color

000151

Deuteranomaly

001038

Tritanomaly

00122F

Monochromacy



Original Color

000151

Achromatopsia

0A0A0A

Achromatomaly

060724

CSS Examples

Text

The CSS property to change the color of the text to Hex 000151 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 #000151 looks like.

```
.text, #text, p{  
    color:#000151  
}
```

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 #000151 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000151
}
```

Border

The CSS property to change the border of an element to Hex 000151 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
#000151 }
```

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

```
.border{ border-color:#000151 }
```

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

Here you see how a box with a 4 pixel #000151 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000151; -webkit-box-shadow:4px 4px  
4px 4px #000151; box-shadow:4px 4px 4px  
4px #000151 }
```

Background

The CSS property to change the background color of an element to Hex 000151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000151 }
```

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

```
.background{ background-color:#000151 }
```

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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