

Converting Colors

Hex(010D33)

Have a look what the booklet for
Hex(010D33) contains.

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Color

Hex(010D33)

Conversions

Conversions Part 1

Format	Color
Hex	010D33
RGB	1, 13, 51
RGB Percent	0%, 5%, 20%
CMY	0.9961, 0.9490, 0.8000
CMYK	0.98, 0.75, 0.00, 0.80
HSL	226°, 96%, 10%
HSV	226°, 98%, 20%
XYZ	0.7540, 0.5333, 3.1952
YIQ	13.7440, -19.3500, 9.2740

Conversions

Conversions Part 2

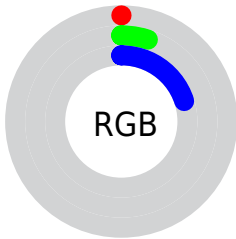
Format	Color
RYB	1, 11, 51
Decimal	68915
CIELab	4.82, 10.12, -25.80
CIELCh	5, 27.711, 291.422
Yxy	0.5333, 0.1682, 0.1190
Android (android.graphics.Color)	4278258995 (0xFF010D33)
YUV	13.7440, 18.3672, -11.1765
Hunter-Lab	7.3029, 5.6492, -20.8287

Details

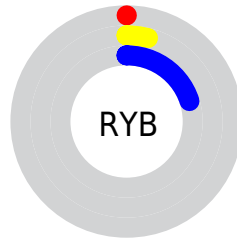
The Hex color **010D33** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **332701**, and the grayscale version is **0E0E0E**.

A 20% lighter version of the original color is **323862**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **000C33**, and if you desaturate by 10%, it is **061133**.

Distribution



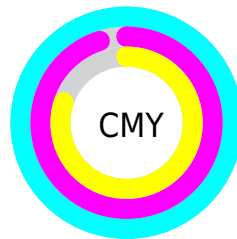
- Red (0%)
- Green (5%)
- Blue (20%)



- Red (0%)
- Yellow (4%)
- Blue (20%)



- Cyan (98%)
- Magenta (75%)
- Yellow (0%)
- Black (80%)



- Cyan (100%)
- Magenta (95%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 010D33 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 010D33 by changing the saturation by 10% instead.

010D33

010D33

EBECFF

00021E

323862

000000

4A4F7B

636695

7D7FB0

9799CB

B2B4E7

CED0FF

010D33

010D33

■ 000C33

■ 061133

■ 0B1533

■ 101933

■ 151D33

■ 1A2033

■ 202433

■ 252833

■ 2A2C33

■ 2F3033

Harmonies

Analogous

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



001535



010D33



220228

Triad

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



010D33



290300



001A07

Complementary

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



010D33



332701

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.



001900



010D33



1C0D00

Square

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



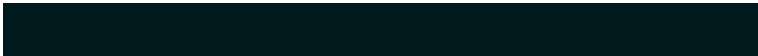
010D33



300000



011500



001A1E

Rectangle

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



010D33



2B001D



011500



001900

Sweetspot

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



010D33



2F3442



013327



161821



A1A1A1



212121

Same Dimension

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



010D33



001042



0D0133



17181A



001559



0034D9

Inverse Universe

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



33010D



420010



273301



1A1718



590015



D90034

Previews

White Background



This preview shows how the Hex color 010D33 looks on a white background.

Color Contrast Check

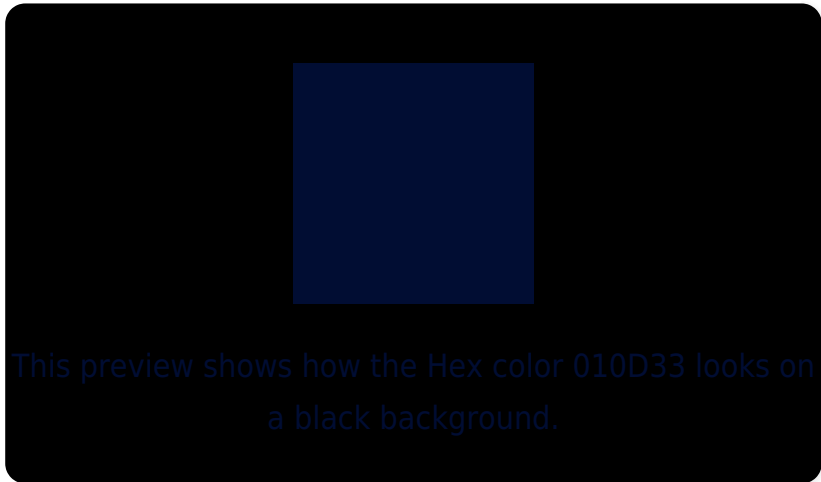
Large Text (above 18pt) WCAG AA ✓ Pass

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

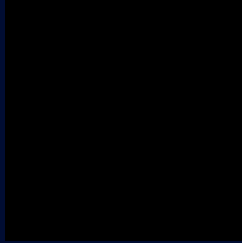
Any Text WCAG AA × Fail

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 010D33 Background



This preview shows how black text looks on a background with the Hex color 010D33.



This preview shows how white text looks on a background with the Hex color 010D33.

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
010D33

Protanopia
001226

Tritanopia
001516

Trichromacy



Original Color
010D33

Protanomaly
00102B

Tritanomaly
001221

Monochromacy



Original Color
010D33

Achromatopsia
0E0E0E

Achromatomaly
090E1B

CSS Examples

Text

The CSS property to change the color of the text to Hex 010D33 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 #010D33 looks like.

```
.text, #text, p{  
    color:#010D33  
}
```

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 #010D33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #010D33
}
```

Border

The CSS property to change the border of an element to Hex 010D33 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".

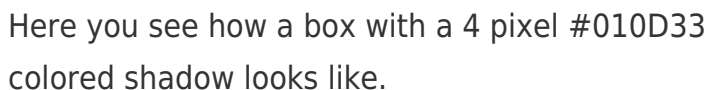
```
.border, #border, table{ border:4px solid
#010D33 }
```

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

```
.border{ border-color:#010D33 }
```

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

Here you see how a box with a 4 pixel #010D33 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #010D33; -webkit-box-shadow:4px 4px  
4px 4px #010D33; box-shadow:4px 4px 4px  
4px #010D33 }
```

Background

The CSS property to change the background color of an element to Hex 010D33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#010D33 }
```

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

```
.background{ background-color:#010D33 }
```

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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