

Converting Colors

Hex(000A45)

Have a look what the booklet for
Hex(000A45) contains.

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Color

Hex(000A45)

Conversions

Conversions Part 1

Format	Color
Hex	000A45
RGB	0, 10, 69
RGB Percent	0%, 4%, 27%
CMY	1.0000, 0.9608, 0.7294
CMYK	1.00, 0.86, 0.00, 0.73
HSL	231°, 100%, 14%
HSV	231°, 100%, 27%
XYZ	1.1827, 0.6468, 5.6927
YIQ	13.7360, -24.8990, 16.2290

Conversions

Conversions Part 2

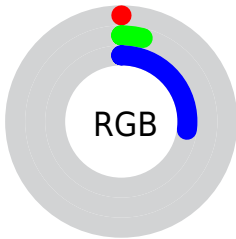
Format	Color
RYB	0, 9, 69
Decimal	2629
CIELab	5.84, 21.72, -37.13
CIELCh	6, 43.012, 300.326
Yxy	0.6468, 0.1572, 0.0860
Android (android.graphics.Color)	4278192709 (0xFF000A45)
YUV	13.7360, 27.2452, -12.0465
Hunter-Lab	8.0421, 12.1776, -36.3399

Details

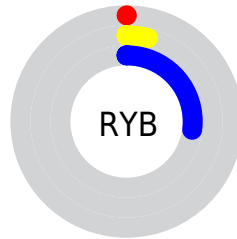
The Hex color **000A45** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **453B00**, and the grayscale version is **0D0D0D**.

A 20% lighter version of the original color is **3A3476**, and **000118** is the 20% darker color. If you saturate the color by 10%, you get **000A45**, and if you desaturate by 10%, it is **071045**.

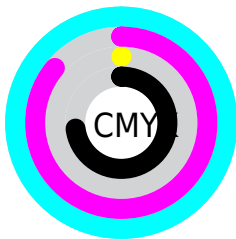
Distribution



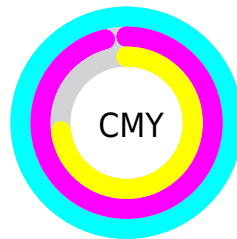
- Red (0%)
- Green (4%)
- Blue (27%)



- Red (0%)
- Yellow (4%)
- Blue (27%)



- Cyan (100%)
- Magenta (86%)
- Yellow (0%)
- Black (73%)



- Cyan (100%)
- Magenta (96%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 000A45 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 000A45 by changing the saturation by 10% instead.

 000A45

 000A45

 F9E8FF

 00012E

 3A3476

 000118

 544B90

 000000

 6E63AB

 897CC6

 A496E3

 C0B0FF

 DCCCFF

 000A45

■ 071045

■ 0E1645

■ 151C45

■ 1C2245

■ 232845

■ 292D45

■ 303345

■ 373945

■ 3E3F45

Harmonies

Analogous

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



00184D



000A45



320030

Triad

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



000A45



2F0300



001D13

Complementary

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



000A45



453B00

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.



001D00



000A45



191200

Square

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



000A45



3C0000



001C00



001E2F

Rectangle

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



000A45



3D001E



001C00



001D03

Sweetspot

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



000A45



3E4259



00453B



1D202E



ADADAD



2E2E2E

Same Dimension

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



000A45



000D59



180045



202124



000E63



0021E3

Inverse Universe

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



45000A



59000D



2D4500



242021



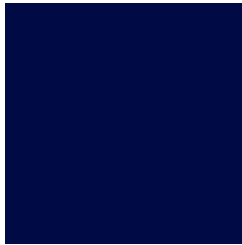
63000E



E30021

Previews

White Background



This preview shows how the Hex color 000A45 looks on a white background.

Color Contrast Check

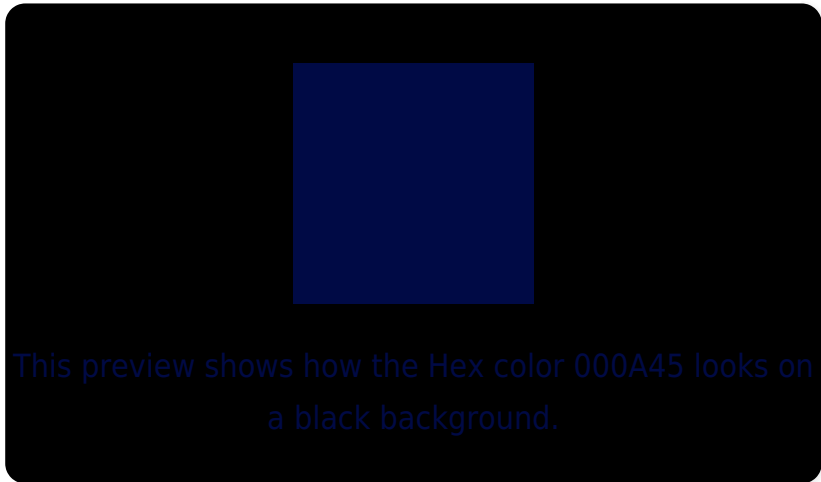
Large Text (above 18pt) WCAG AA ✓ Pass

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

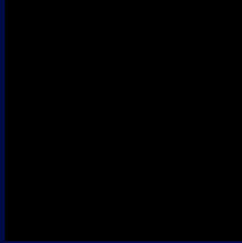
Any Text WCAG AA × Fail

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 000A45 Background



This preview shows how black text looks on a background with the Hex color 000A45.



This preview shows how white text looks on a background with the Hex color 000A45.

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
000A45

Protanopia
00152D

Deuteranopia
001726



Tritanopia
00191A

Trichromacy



Original Color
000A45

Protanomaly
001136

Deuteranomaly
001231

Tritanomaly
00142A

Monochromacy



Original Color
000A45

Achromatopsia
0E0E0E

Achromatomaly
090D22

CSS Examples

Text

The CSS property to change the color of the text to Hex 000A45 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 #000A45 looks like.

```
.text, #text, p{  
    color:#000A45  
}
```

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 #000A45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000A45
}
```

Border

The CSS property to change the border of an element to Hex 000A45 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
#000A45 }
```

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

```
.border{ border-color:#000A45 }
```

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

Here you see how a box with a 4 pixel #000A45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000A45; -webkit-box-shadow:4px 4px  
4px 4px #000A45; box-shadow:4px 4px 4px  
4px #000A45 }
```

Background

The CSS property to change the background color of an element to Hex 000A45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000A45 }
```

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

```
.background{ background-color:#000A45 }
```

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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