

Converting Colors

Hex(000A6E)

Have a look what the booklet for
Hex(000A6E) contains.

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Color

Hex(000A6E)

Conversions

Conversions Part 1

Format	Color
Hex	000A6E
RGB	0, 10, 110
RGB Percent	0%, 4%, 43%
CMY	1.0000, 0.9608, 0.5686
CMYK	1.00, 0.91, 0.00, 0.57
HSL	235°, 100%, 22%
HSV	235°, 100%, 43%
XYZ	2.9230, 1.3429, 14.8570
YIQ	18.4100, -38.0600, 28.9800

Conversions

Conversions Part 2

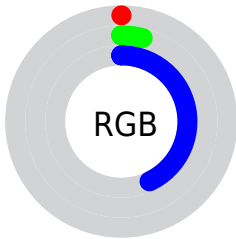
Format	Color
RYB	0, 9, 110
Decimal	2670
CIELab	11.57, 37.81, -55.43
CIELCh	12, 67.092, 304.298
Yxy	1.3429, 0.1529, 0.0702
Android (android.graphics.Color)	4278192750 (0xFF000A6E)
YUV	18.4100, 45.1539, -16.1456
Hunter-Lab	11.5882, 24.7454, -67.9025

Details

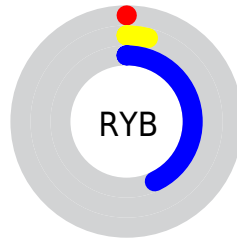
The Hex color **000A6E** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **6E6400**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **4B37A3**, and **00053D** is the 20% darker color. If you saturate the color by 10%, you get **000A6E**, and if you desaturate by 10%, it is **0B146E**.

Distribution



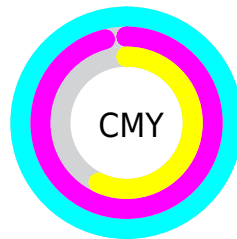
- Red (0%)
- Green (4%)
- Blue (43%)



- Red (0%)
- Yellow (4%)
- Blue (43%)



- Cyan (100%)
- Magenta (91%)
- Yellow (0%)
- Black (57%)



- Cyan (100%)
- Magenta (96%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 000A6E 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 000A6E by changing the saturation by 10% instead.

 000A6E

 000A6E

 FFEFFF

 000055


 4B37A3

 00053D

 684FBE

 000326

 8467DB

 00010F

 A081F8

 000000

 BD9BFF

 DAB6FF

 F7D2FF

 000A6E

■ 0B146E

■ 161E6E

■ 21286E

■ 2C326E

■ 373C6E

■ 42466E

■ 4D506E

■ 585A6E

■ 63646E

Harmonies

Analogous

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



00267F



000A6E



550048

Triad

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



000A6E



450400



002D25

Complementary

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



000A6E



6E6400

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.



002C00



000A6E



222000

Square

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



000A6E



5D0000



002900



002F53

Rectangle

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



000A6E



64002A



002900



002C14

Sweetspot

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



000A6E



64688F



006E63



2E3047



C7C7C7



474747

Same Dimension

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



000A6E



000D8F



2C006E



323338



000B78



0016F7

Inverse Universe

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



6E000A



8F000D



426E00



383233



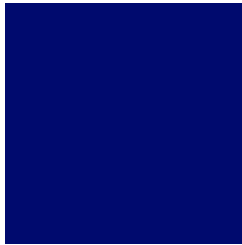
78000B



F70016

Previews

White Background



This preview shows how the Hex color 000A6E looks on a white background.

Color Contrast Check

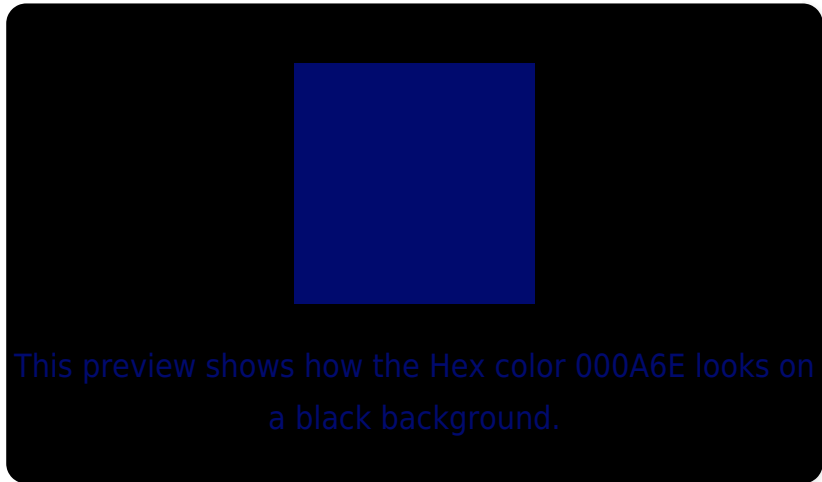
Large Text (above 18pt) WCAG AA ✓ Pass

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

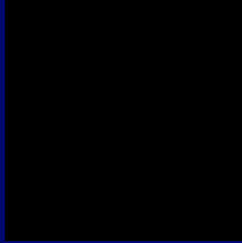
Any Text WCAG AA × Fail

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 000A6E Background



This preview shows how black text looks on a background with the Hex color 000A6E.



This preview shows how white text looks on a background with the Hex color 000A6E.

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
000A6E

Protanopia
002145

Deuteranopia
00233A

Trichromacy



Original Color
000A6E

Protanomaly
001954

Deuteranomaly
001A4D

Tritanomaly
001C41

Monochromacy



Original Color
000A6E

Achromatopsia
121212

Achromatomaly
0B0F33

CSS Examples

Text

The CSS property to change the color of the text to Hex 000A6E 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 #000A6E looks like.

```
.text, #text, p{  
    color:#000A6E  
}
```

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 #000A6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000A6E
}
```

Border

The CSS property to change the border of an element to Hex 000A6E is called "border". The border property can be set on classes, ids or directly on the HTML element.

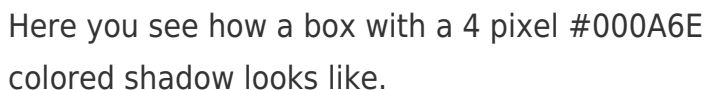
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#000A6E }
```

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

```
.border{ border-color:#000A6E }
```

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



Here you see how a box with a 4 pixel #000A6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000A6E; -webkit-box-shadow:4px 4px  
4px 4px #000A6E; box-shadow:4px 4px 4px  
4px #000A6E }
```

Background

The CSS property to change the background color of an element to Hex 000A6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000A6E }
```

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

```
.background{ background-color:#000A6E }
```

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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