

Converting Colors

Hex(000A50)

Have a look what the booklet for
Hex(000A50) contains.

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Color

Hex(000A50)

Conversions

Conversions Part 1

Format	Color
Hex	000A50
RGB	0, 10, 80
RGB Percent	0%, 4%, 31%
CMY	1.0000, 0.9608, 0.6863
CMYK	1.00, 0.88, 0.00, 0.69
HSL	232°, 100%, 16%
HSV	232°, 100%, 31%
XYZ	1.5565, 0.7963, 7.6611
YIQ	14.9900, -28.4300, 19.6500

Conversions

Conversions Part 2

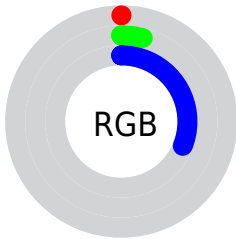
Format	Color
RYB	0, 9, 80
Decimal	2640
CIELab	7.19, 27.00, -42.58
CIELCh	7, 50.421, 302.383
Yxy	0.7963, 0.1554, 0.0795
Android (android.graphics.Color)	4278192720 (0xFF000A50)
YUV	14.9900, 32.0499, -13.1462
Hunter-Lab	8.9234, 15.5198, -44.6564

Details

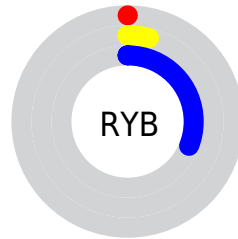
The Hex color **000A50** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **504600**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **403482**, and **000222** is the 20% darker color. If you saturate the color by 10%, you get **000A50**, and if you desaturate by 10%, it is **081150**.

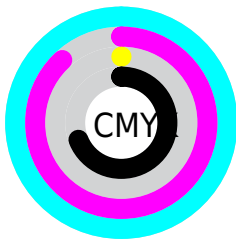
Distribution



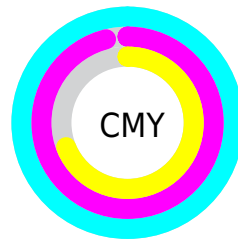
- Red (0%)
- Green (4%)
- Blue (31%)



- Red (0%)
- Yellow (4%)
- Blue (31%)



- Cyan (100%)
- Magenta (88%)
- Yellow (0%)
- Black (69%)



- Cyan (100%)
- Magenta (96%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 000A50 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 000A50 by changing the saturation by 10% instead.

000A50

000A50

FFE9FF

000039

403482

000222

5A4B9D

000008

7563B8

000000

907CD4

AB96F0

C8B1FF

E4CDFF

000A50

■ 081150

■ 101850

■ 181F50

■ 202650

■ 282D50

■ 303450

■ 383B50

■ 404250

■ 484950

Harmonies

Analogous

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



001B5B



000A50



3C0036

Triad

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



000A50



340400



002118

Complementary

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



000A50



504600

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.



002100



000A50



1A1600

Square

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



000A50



450000



001F00



00233A

Rectangle

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



000A50



480020



001F00



002109

Sweetspot

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



000A50



494D69



005045



222536



B5B5B5



363636

Same Dimension

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



000A50



000D69



1D0050



252529



001DE8

Inverse Universe

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



50000A



69000D



335000



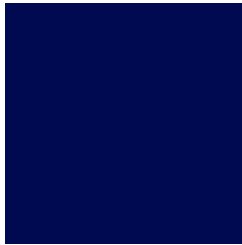
292525



E8001D

Previews

White Background



This preview shows how the Hex color 000A50 looks on a white background.

Color Contrast Check

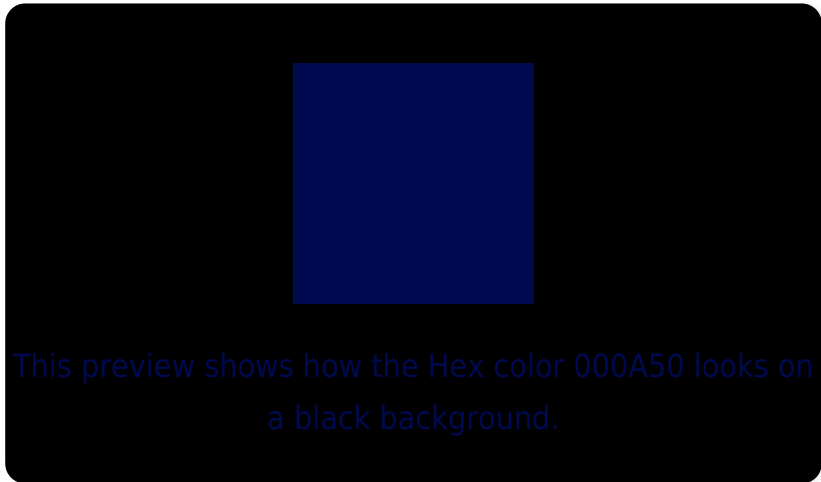
Large Text (above 18pt) WCAG AA ✓ Pass

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

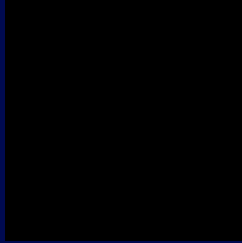
Any Text WCAG AA × Fail

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 000A50 Background



This preview shows how black text looks on a background with the Hex color 000A50.



This preview shows how white text looks on a background with the Hex color 000A50.

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
000A50

Protanopia
001833

Deuteranopia
001A2B



Tritanopia
001C1D

Trichromacy



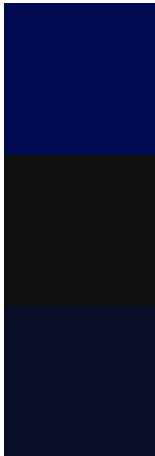
Original Color
000A50

Protanomaly
00133E

Deuteranomaly
001438

Tritanomaly
001530

Monochromacy



Original Color
000A50

Achromatopsia
0F0F0F

Achromatomaly
0A0D27

CSS Examples

Text

The CSS property to change the color of the text to Hex 000A50 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 #000A50 looks like.

```
.text, #text, p{  
    color:#000A50  
}
```

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 #000A50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000A50
}
```

Border

The CSS property to change the border of an element to Hex 000A50 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
#000A50 }
```

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

```
.border{ border-color:#000A50 }
```

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

Here you see how a box with a 4 pixel #000A50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000A50; -webkit-box-shadow:4px 4px  
4px 4px #000A50; box-shadow:4px 4px 4px  
4px #000A50 }
```

Background

The CSS property to change the background color of an element to Hex 000A50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000A50 }
```

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

```
.background{ background-color:#000A50 }
```

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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