

Converting Colors

Hex(00012A)

Have a look what the booklet for
Hex(00012A) contains.

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Color

Hex(00012A)

Conversions

Conversions Part 1

Format	Color
Hex	00012A
RGB	0, 1, 42
RGB Percent	0%, 0%, 16%
CMY	1.0000, 0.9961, 0.8353
CMYK	1.00, 0.98, 0.00, 0.84
HSL	239°, 100%, 8%
HSV	239°, 100%, 16%
XYZ	0.4288, 0.1889, 2.2043
YIQ	5.3750, -13.7570, 12.5390

Conversions

Conversions Part 2

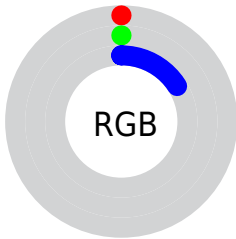
Format	Color
R_{YB}	0, 1, 42
Decimal	298
CIE Lab	1.71, 10.21, -23.98
CIE LCh	2, 26.065, 293.062
Yxy	0.1889, 0.1519, 0.0669
Android (android.graphics.Color)	4278190378 (0xFF00012A)
YUV	5.3750, 18.0561, -4.7139
Hunter-Lab	4.3460, 10.0053, -27.0306

Details

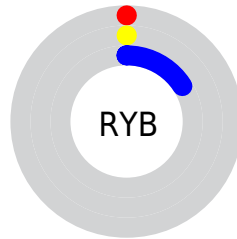
The Hex color **00012A** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **2A2900**, and the grayscale version is **050505**.

A 20% lighter version of the original color is **2D3158**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00012A**, and if you desaturate by 10%, it is **04052A**.

Distribution



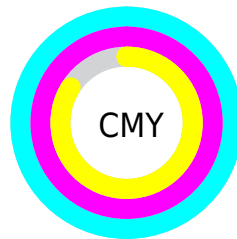
- Red (0%)
- Green (0%)
- Blue (16%)



- Red (0%)
- Yellow (0%)
- Blue (16%)



- Cyan (100%)
- Magenta (98%)
- Yellow (0%)
- Black (84%)



- Cyan (100%)
- Magenta (100%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00012A 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 00012A by changing the saturation by 10% instead.

■ 00012A

■ 00012A

■ E4E3FF

■ 000114

■ 2D3158

■ 000000

■ 454770

■ 5E5F8A

■ 7777A4

■ 9191BF

■ ACACDB

■ C8C7F8

■ 00012A

■ 04052A

■ 08092A

■ 0D0D2A

■ 11112A

■ 15152A

■ 191A2A

■ 1D1E2A

■ 22222A

■ 26262A

Harmonies

Analogous

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



000C2C



00012A



1E0020

Triad

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



00012A



210000



000C00

Complementary

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



00012A



2A2900

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.



000C00



00012A



110300

Square

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



00012A



290000



000C00



000D18

Rectangle

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



00012A



260016



000C00

Sweetspot

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



00012A



252636



002A29



12121C



9C9C9C



1C1C1C

Same Dimension

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



00012A



000136



14002A



121214



000254



0005D4

Inverse Universe

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



2A0001



360001



162A00



141212



540002



D40005

Previews

White Background



This preview shows how the Hex color 00012A looks on a white background.

Color Contrast Check

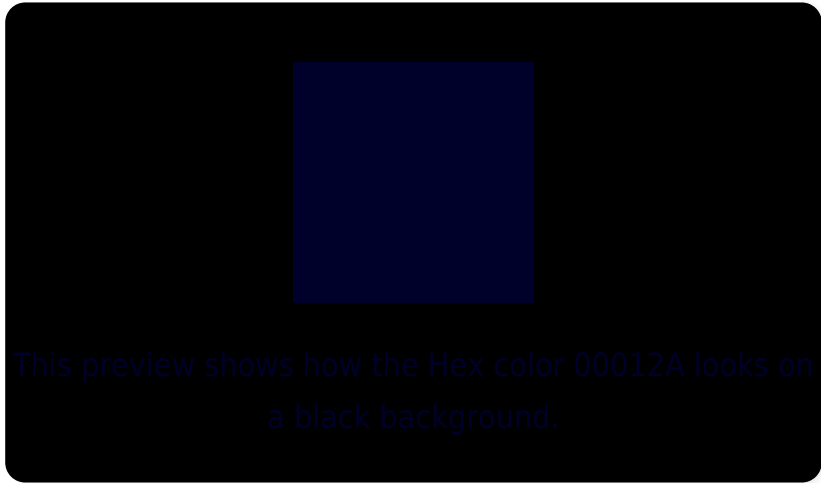
Large Text (above 18pt) WCAG AA ✓ Pass

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

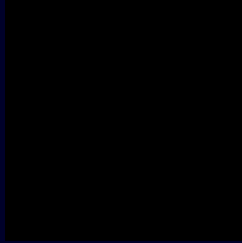
Any Text WCAG AA × Fail

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 00012A Background



This preview shows how black text looks on a background with the Hex color 00012A.



This preview shows how white text looks on a background with the Hex color 00012A.

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](#).

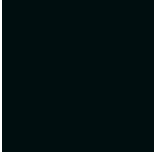
Dichromacy



Original Color
00012A

Protanopia
000C1A

Deuteranopia
000D16



Tritanopia
000E0F

Trichromacy



Original Color

00012A

Protanomaly

000820

Deuteranomaly

00091D

Tritanomaly

000919

Monochromacy



Original Color

00012A

Achromatopsia

050505

Achromatomaly

030412

CSS Examples

Text

The CSS property to change the color of the text to Hex 00012A 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 #00012A looks like.

```
.text, #text, p{  
    color:#00012A  
}
```

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 #00012A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00012A
}
```

Border

The CSS property to change the border of an element to Hex 00012A 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
#00012A }
```

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

```
.border{ border-color:#00012A }
```

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

Here you see how a box with a 4 pixel #00012A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00012A; -webkit-box-shadow:4px 4px  
4px 4px #00012A; box-shadow:4px 4px 4px  
4px #00012A }
```

Background

The CSS property to change the background color of an element to Hex 00012A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00012A }
```

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

```
.background{ background-color:#00012A }
```

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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