

Converting Colors

Hex(012433)

Have a look what the booklet for
Hex(012433) contains.

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Color

Hex(012433)

Conversions

Conversions Part 1

Format	Color
Hex	012433
RGB	1, 36, 51
RGB Percent	0%, 14%, 20%
CMY	0.9961, 0.8588, 0.8000
CMYK	0.98, 0.29, 0.00, 0.80
HSL	198°, 96%, 10%
HSV	198°, 98%, 20%
XYZ	1.2409, 1.5072, 3.3575
YIQ	27.2450, -25.6750, -2.7550

Conversions

Conversions Part 2

Format	Color
R_{YB}	1, 22, 51
Decimal	74803
CIE _{Lab}	12.65, -5.77, -13.31
CIE _{LCh}	13, 14.511, 246.558
Yxy	1.5072, 0.2032, 0.2469
Android (android.graphics.Color)	4278264883 (0xFF012433)
YUV	27.2450, 11.7112, -23.0169
Hunter-Lab	12.2769, -3.4420, -7.6208

Details

The Hex color **012433** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **331001**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **335061**, and **000002** is the 20% darker color. If you saturate the color by 10%, you get **002433**, and if you desaturate by 10%, it is **062633**.

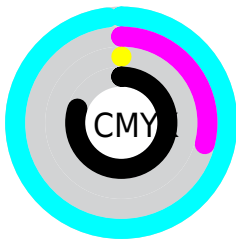
Distribution



- Red (0%)
- Green (14%)
- Blue (20%)



- Red (0%)
- Yellow (9%)
- Blue (20%)



- Cyan (98%)
- Magenta (29%)
- Yellow (0%)
- Black (80%)



- Cyan (100%)
- Magenta (86%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 012433 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 012433 by changing the saturation by 10% instead.

012433

012433

ECFFFF

000F1E

335061

000002

4B697A

000000

648294

7E9CAF

98B6CA

B4D2E6

CFEEFF

012433

012433

■ 002433

■ 062633

■ 0B2733

■ 102933

■ 152A33

■ 1A2C33

■ 202D33

■ 252F33

■ 2A3033

■ 2F3233

Harmonies

Analogous

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



00262C



012433



152135

Triad

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



012433



34191F



1A2410

Complementary

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



012433



331001

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.



25210A



012433



331A15

Square

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



012433



2F1A29



2E1D0D



0D2519

Rectangle

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



012433



201F33



2E1D0D



1E230D

Sweetspot

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



012433



2F3D42



013310



161E21



A1A1A1



212121

Same Dimension

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



012433



002E42



010B33



17191A



003E59



0098D9

Inverse Universe

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



330124



42002E



332901



1A1719



59003E



D90098

Previews

White Background



This preview shows how the Hex color 012433 looks on a white background.

Color Contrast Check

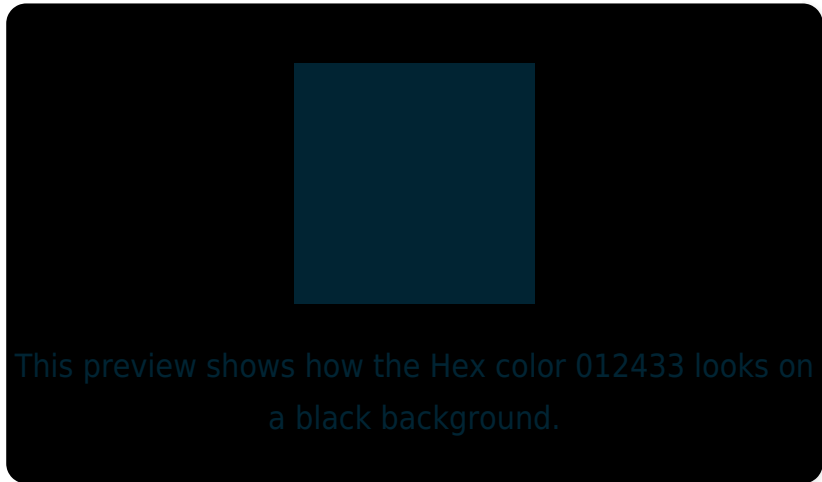
Large Text (above 18pt) WCAG AA ✓ Pass

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

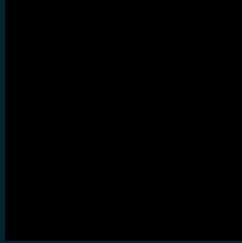
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

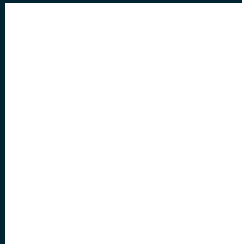
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 012433 Background



This preview shows how black text looks on a background with the Hex color 012433.



This preview shows how white text looks on a background with the Hex color 012433.

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
012433

Protanopia
1D2131

Deuteranopia
192234

Trichromacy



Original Color
012433

Protanomaly
132232

Deuteranomaly
102334

Tritanomaly
00252C

Monochromacy



Original Color
012433

Achromatopsia
1B1B1B

Achromatomaly
121E24

CSS Examples

Text

The CSS property to change the color of the text to Hex 012433 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 #012433 looks like.

```
.text, #text, p{  
    color:#012433  
}
```

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 #012433 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #012433
}
```

Border

The CSS property to change the border of an element to Hex 012433 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
#012433 }
```

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

```
.border{ border-color:#012433 }
```

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

Here you see how a box with a 4 pixel #012433 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #012433; -webkit-box-shadow:4px 4px  
4px 4px #012433; box-shadow:4px 4px 4px  
4px #012433 }
```

Background

The CSS property to change the background color of an element to Hex 012433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#012433 }
```

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

```
.background{ background-color:#012433 }
```

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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