

Converting Colors

Hex(012C3E)

Have a look what the booklet for
Hex(012C3E) contains.

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Color

Hex(012C3E)

Conversions

Conversions Part 1

Format	Color
Hex	012C3E
RGB	1, 44, 62
RGB Percent	0%, 17%, 24%
CMY	0.9961, 0.8275, 0.7569
CMYK	0.98, 0.29, 0.00, 0.76
HSL	198°, 97%, 12%
HSV	198°, 98%, 24%
XYZ	1.7827, 2.1556, 4.8795
YIQ	33.1950, -31.4060, -3.5180

Conversions

Conversions Part 2

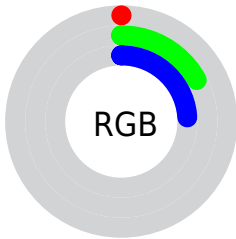
Format	Color
RYB	1, 26, 62
Decimal	76862
CIELab	16.28, -6.31, -15.38
CIELCh	16, 16.622, 247.701
Yxy	2.1556, 0.2022, 0.2445
Android (android.graphics.Color)	4278266942 (0xFF012C3E)
YUV	33.1950, 14.2009, -28.2350
Hunter-Lab	14.6820, -4.0199, -9.4275

Details

The Hex color **012C3E** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3E1301**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **37596E**, and **000113** is the 20% darker color. If you saturate the color by 10%, you get **002C3E**, and if you desaturate by 10%, it is **072E3E**.

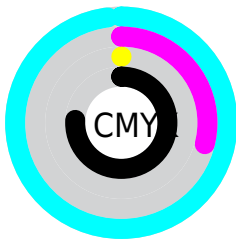
Distribution



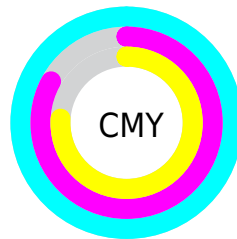
- Red (0%)
- Green (17%)
- Blue (24%)



- Red (0%)
- Yellow (10%)
- Blue (24%)



- Cyan (98%)
- Magenta (29%)
- Yellow (0%)
- Black (76%)



- Cyan (100%)
- Magenta (83%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 012C3E 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 012C3E by changing the saturation by 10% instead.

012C3E

012C3E

F3FFFF

001828

37596E

000113

507287

000000

6A8BA1

84A6BC

9EC1D8

BADDF4

D6F9FF

012C3E

012C3E

■ 002C3E

■ 072E3E

■ 0D303E

■ 14313E

■ 1A333E

■ 20353E

■ 26373E

■ 2C393E

■ 333B3E

■ 393C3E

Harmonies

Analogous

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



002E36



012C3E



1B2940

Triad

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



012C3E



3F1F26



202C15

Complementary

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



012C3E



3E1301

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.



2D2910



012C3E



3E211B

Square

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



012C3E



3A2032



372513



112E1F

Rectangle

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



012C3E



28263D



372513



252B13

Sweetspot

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



012C3E



394A52



013E12



1A2429



A8A8A8



292929

Same Dimension

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



012C3E



003A52



010E3E



1C1E1F



00435E



009CDE

Inverse Universe

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



3E012C



52003A



3E3101



1F1C1E



5E0043



DE009C

Previews

White Background



This preview shows how the Hex color 012C3E looks on a white background.

Color Contrast Check

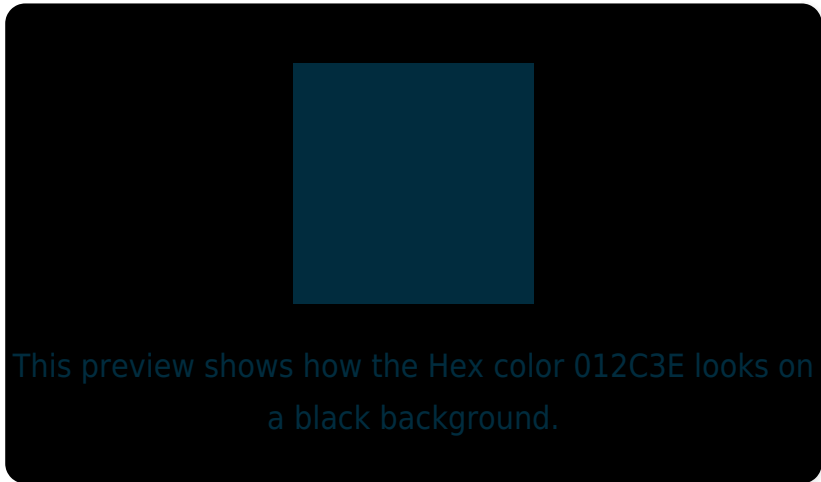
Large Text (above 18pt) WCAG AA ✓ Pass

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

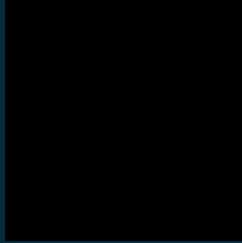
Any Text WCAG AA × Fail

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 012C3E Background



This preview shows how black text looks on a background with the Hex color 012C3E.



This preview shows how white text looks on a background with the Hex color 012C3E.

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
012C3E

Protanopia
23283B

Deuteranopia
1E293F

Trichromacy



Original Color
012C3E

Protanomaly
17293C

Deuteranomaly
132A3F

Tritanomaly
002D36

Monochromacy



Original Color
012C3E

Achromatopsia
212121

Achromatomaly
15252C

CSS Examples

Text

The CSS property to change the color of the text to Hex 012C3E 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 #012C3E looks like.

```
.text, #text, p{  
    color:#012C3E  
}
```

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 #012C3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #012C3E
}
```

Border

The CSS property to change the border of an element to Hex 012C3E is called "border". The border property can be set on classes, ids or directly on the HTML element.

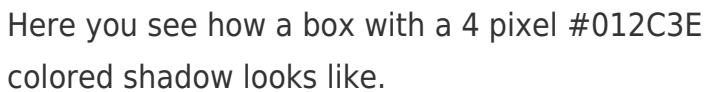
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#012C3E }
```

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

```
.border{ border-color:#012C3E }
```

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



Here you see how a box with a 4 pixel #012C3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #012C3E; -webkit-box-shadow:4px 4px  
4px 4px #012C3E; box-shadow:4px 4px 4px  
4px #012C3E }
```

Background

The CSS property to change the background color of an element to Hex 012C3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#012C3E }
```

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

```
.background{ background-color:#012C3E }
```

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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