

Converting Colors

Hex(042B37)

Have a look what the booklet for
Hex(042B37) contains.

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Color

Hex(042B37)

Conversions

Conversions Part 1

Format	Color
Hex	042B37
RGB	4, 43, 55
RGB Percent	2%, 17%, 22%
CMY	0.9843, 0.8314, 0.7843
CMYK	0.93, 0.22, 0.00, 0.78
HSL	194°, 86%, 12%
HSV	194°, 93%, 22%
XYZ	1.6035, 2.0294, 3.9216
YIQ	32.7070, -27.0960, -4.5360

Conversions

Conversions Part 2

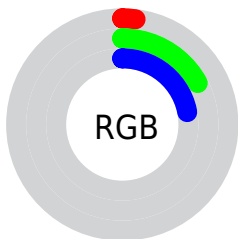
Format	Color
R_{YB}	4, 26, 55
Decimal	273207
CIE Lab	15.64, -8.14, -11.50
CIE LCh	16, 14.089, 234.683
Yxy	2.0294, 0.2123, 0.2686
Android (android.graphics.Color)	4278463287 (0xFF042B37)
YUV	32.7070, 10.9904, -25.1760
Hunter-Lab	14.2457, -4.8375, -6.3496

Details

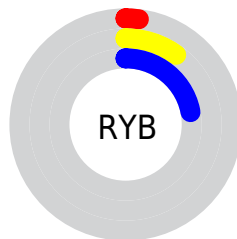
The Hex color **042B37** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **371004**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **375866**, and **00000A** is the 20% darker color. If you saturate the color by 10%, you get **002A37**, and if you desaturate by 10%, it is **0A2C37**.

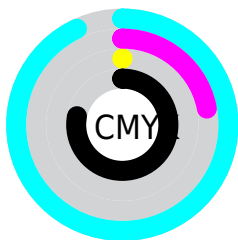
Distribution



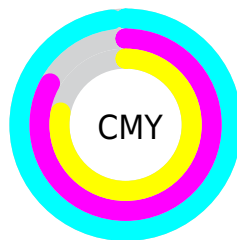
- Red (2%)
- Green (17%)
- Blue (22%)



- Red (2%)
- Yellow (10%)
- Blue (22%)



- Cyan (93%)
- Magenta (22%)
- Yellow (0%)
- Black (78%)



- Cyan (98%)
- Magenta (83%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 042B37 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 042B37 by changing the saturation by 10% instead.

042B37

042B37

F1FFFF

001722

375866

00000A

50717F

000000

698A99

83A5B4

9DC0CF

B9DCEB

D5F8FF

042B37

042B37

■ 002A37

■ 0A2C37

■ 0F2E37

■ 152F37

■ 1A3037

■ 203137

■ 253337

■ 2B3437

■ 303537

■ 363737

Harmonies

Analogous

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



012C2F



042B37



15293B

Triad

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



042B37



391F29



252915

Complementary

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



042B37



371004

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.



2F2613



042B37



3A201F

Square

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



042B37



322233



372217



192B1B

Rectangle

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



042B37



21263A



372217



292813

Sweetspot

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



042B37



334347



043710



182124



A3A3A3



242424

Same Dimension

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



042B37



003747



041237



191B1C



00465C



00A8DB

Inverse Universe

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



37042B



470037



372904



1C191B



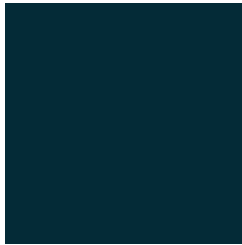
5C0046



DB00A8

Previews

White Background



This preview shows how the Hex color 042B37 looks on a white background.

Color Contrast Check

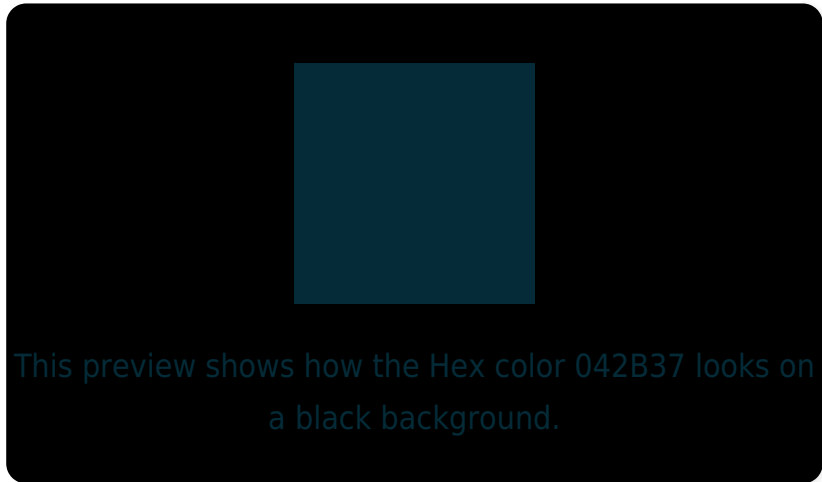
Large Text (above 18pt) WCAG AA ✓ Pass

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

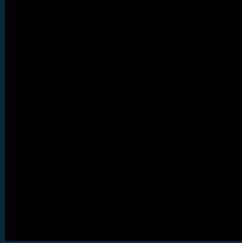
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

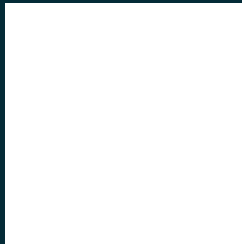
Any Text WCAG AAA × Fail

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

Hex 042B37 Background



This preview shows how black text looks on a background with the Hex color 042B37.



This preview shows how white text looks on a background with the Hex color 042B37.

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
042B37

Protanopia
242734

Deuteranopia
222738

Trichromacy



Original Color
042B37

Protanomaly
182835

Deuteranomaly
172838

Tritanomaly
012C32

Monochromacy



Original Color
042B37

Achromatopsia
212121

Achromatomaly
162529

CSS Examples

Text

The CSS property to change the color of the text to Hex 042B37 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 #042B37 looks like.

```
.text, #text, p{  
    color:#042B37  
}
```

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 #042B37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #042B37
}
```

Border

The CSS property to change the border of an element to Hex 042B37 is called "border". The border property can be set on classes, ids or directly on the HTML element.

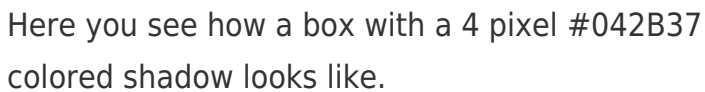
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#042B37 }
```

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

```
.border{ border-color:#042B37 }
```

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



Here you see how a box with a 4 pixel #042B37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #042B37; -webkit-box-shadow:4px 4px  
4px 4px #042B37; box-shadow:4px 4px 4px  
4px #042B37 }
```

Background

The CSS property to change the background color of an element to Hex 042B37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#042B37 }
```

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

```
.background{ background-color:#042B37 }
```

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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