

Converting Colors

Hex(042033)

Have a look what the booklet for
Hex(042033) contains.

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Color

Hex(042033)

Conversions

Conversions Part 1

Format	Color
Hex	042033
RGB	4, 32, 51
RGB Percent	2%, 13%, 20%
CMY	0.9843, 0.8745, 0.8000
CMYK	0.92, 0.37, 0.00, 0.80
HSL	204°, 85%, 11%
HSV	204°, 92%, 20%
XYZ	1.1641, 1.2979, 3.3211
YIQ	25.7940, -22.7870, -0.0270

Conversions

Conversions Part 2

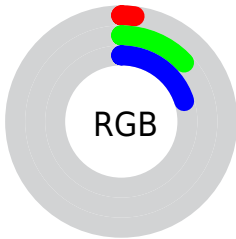
Format	Color
RYB	4, 22, 51
Decimal	270387
CIELab	11.26, -2.25, -15.49
CIELCh	11, 15.651, 261.743
Yxy	1.2979, 0.2013, 0.2244
Android (android.graphics.Color)	4278460467 (0xFF042033)
YUV	25.7940, 12.4266, -19.1133
Hunter-Lab	11.3923, -1.6966, -9.3097

Details

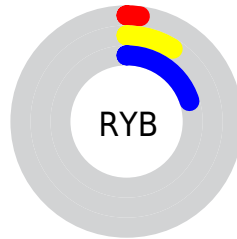
The Hex color **042033** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **331704**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **354C62**, and **000001** is the 20% darker color. If you saturate the color by 10%, you get **001E33**, and if you desaturate by 10%, it is **092233**.

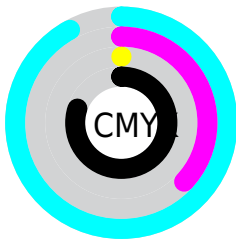
Distribution



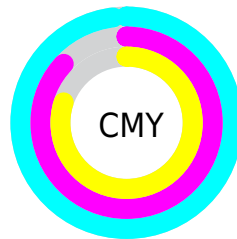
- Red (2%)
- Green (13%)
- Blue (20%)



- Red (2%)
- Yellow (9%)
- Blue (20%)



- Cyan (92%)
- Magenta (37%)
- Yellow (0%)
- Black (80%)



- Cyan (98%)
- Magenta (87%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 042033 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 042033 by changing the saturation by 10% instead.

■ 042033

■ 042033

■ EEEFFF

■ 00081E

■ 354C62

■ 000001

■ 4D647A

■ 000000

■ 667C94

■ 8096AF

■ 9AB1CA

■ B5CCE6

■ D1E9FF

■ 042033

■ 042033

■ 001E33

■ 092233

■ 0E2433

■ 132633

■ 182833

■ 1D2A33

■ 232C33

■ 282E33

■ 2D3033

■ 323333

Harmonies

Analogous

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



00222E



042033



1A1C32

Triad

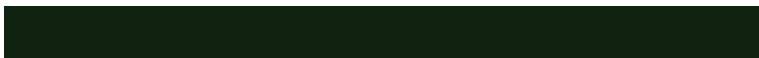
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



042033



321617



102210

Complementary

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



042033



331704

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.



1E2005



042033



2F180B

Square

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



042033



301521



281C03



00231B

Rectangle

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



042033



241A2E



281C03



15210C

Sweetspot

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



042033



303B42



043317



161D21



A1A1A1



212121

Same Dimension

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



042033



002742



040933



17181A



003559



0081D9

Inverse Universe

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



330420



420027



332E04



1A1718



590035



D90081

Previews

White Background



This preview shows how the Hex color 042033 looks on a white background.

Color Contrast Check

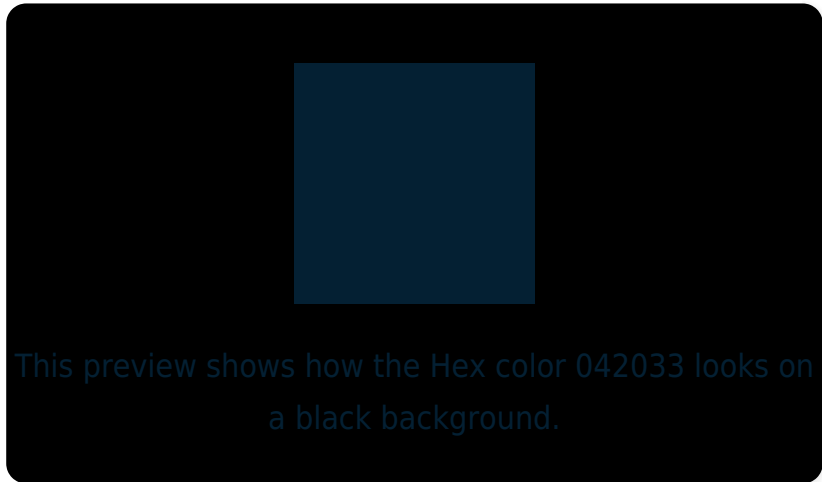
Large Text (above 18pt) WCAG AA ✓ Pass

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

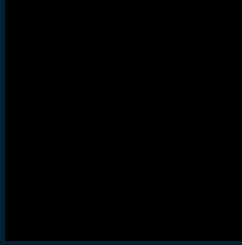
Any Text WCAG AA × Fail

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 042033 Background



This preview shows how black text looks on a background with the Hex color 042033.



This preview shows how white text looks on a background with the Hex color 042033.

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
042033

Protanopia
171E31

Deuteranopia
111F33

Trichromacy



Original Color
042033

Protanomaly
101F32

Deuteranomaly
0C1F33

Tritanomaly
01212A

Monochromacy



Original Color
042033

Achromatopsia
1A1A1A

Achromatomaly
121C23

CSS Examples

Text

The CSS property to change the color of the text to Hex 042033 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 #042033 looks like.

```
.text, #text, p{  
    color:#042033  
}
```

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 #042033 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #042033
}
```

Border

The CSS property to change the border of an element to Hex 042033 is called "border". The border property can be set on classes, ids or directly on the HTML element.

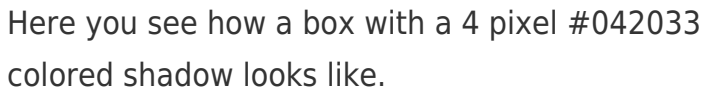
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#042033 }
```

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

```
.border{ border-color:#042033 }
```

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



Here you see how a box with a 4 pixel #042033 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #042033; -webkit-box-shadow:4px 4px  
4px 4px #042033; box-shadow:4px 4px 4px  
4px #042033 }
```

Background

The CSS property to change the background color of an element to Hex 042033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#042033 }
```

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

```
.background{ background-color:#042033 }
```

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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