

Converting Colors

Hex(042739)

Have a look what the booklet for
Hex(042739) contains.

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Color

Hex(042739)

Conversions

Conversions Part 1

Format	Color
Hex	042739
RGB	4, 39, 57
RGB Percent	2%, 15%, 22%
CMY	0.9843, 0.8471, 0.7765
CMYK	0.93, 0.32, 0.00, 0.78
HSL	200°, 87%, 12%
HSV	200°, 93%, 22%
XYZ	1.5141, 1.7723, 4.1332
YIQ	30.5870, -26.6380, -1.8220

Conversions

Conversions Part 2

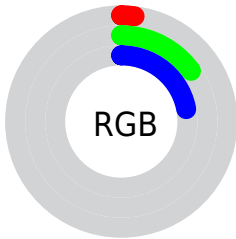
Format	Color
R_{YB}	4, 25, 57
Decimal	272185
CIE Lab	14.24, -4.55, -15.07
CIE LCh	14, 15.744, 253.194
Yxy	1.7723, 0.2041, 0.2389
Android (android.graphics.Color)	4278462265 (0xFF042739)
YUV	30.5870, 13.0216, -23.3168
Hunter-Lab	13.3126, -2.9954, -9.0890

Details

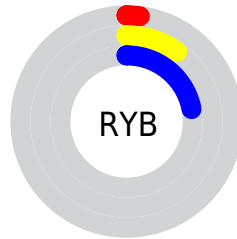
The Hex color **042739** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **391604**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **375468**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002639**, and if you desaturate by 10%, it is **0A2939**.

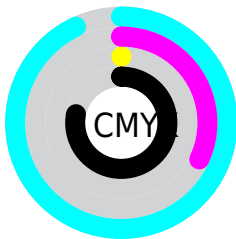
Distribution



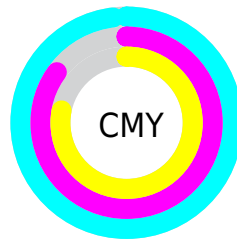
- Red (2%)
- Green (15%)
- Blue (22%)



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



- Cyan (93%)
- Magenta (32%)
- Yellow (0%)
- Black (78%)



- Cyan (98%)
- Magenta (85%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 042739 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 042739 by changing the saturation by 10% instead.

042739

042739

F1FFFF

001223

375468

00000C

506C81

000000

69859B

839FB6

9DBAD2

B9D6EE

D5F2FF

042739

042739

■ 002639

■ 0A2939

■ 0F2B39

■ 152D39

■ 1B2F39

■ 213139

■ 263339

■ 2C3539

■ 323639

■ 373839

Harmonies

Analogous

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



002933



042739



1B2439

Triad

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



042739



391B20



1A2814

Complementary

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



042739



391604

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.



26250D



042739



371D16

Square

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



042739



351C2B



30210E



0B291D

Rectangle

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



042739



272137



30210E



1E2711

Sweetspot

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



042739



35434A



043916



192226



A6A6A6



262626

Same Dimension

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



042739



00314A



040D39



191B1C



003D5C



0091DB

Inverse Universe

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



390427



4A0031



393004



1C191B



5C003D



DB0091

Previews

White Background



This preview shows how the Hex color 042739 looks on a white background.

Color Contrast Check

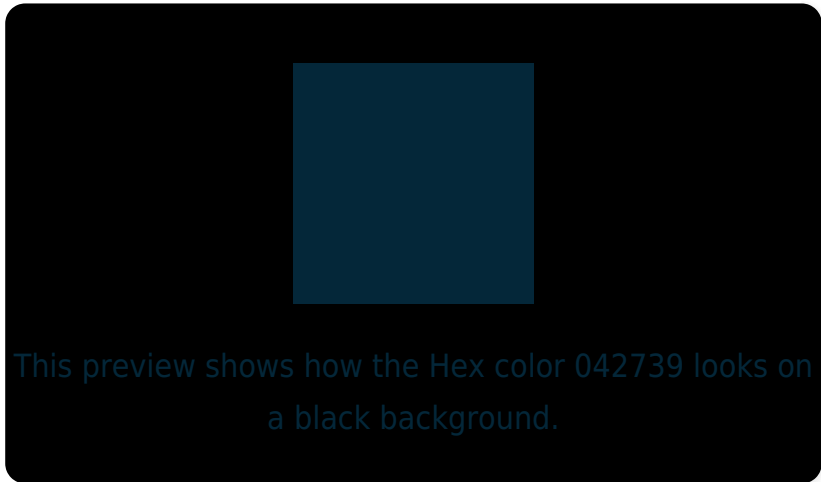
Large Text (above 18pt) WCAG AA ✓ Pass

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

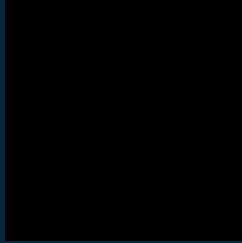
Any Text WCAG AA × Fail

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 042739 Background



This preview shows how black text looks on a background with the Hex color 042739.



This preview shows how white text looks on a background with the Hex color 042739.

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
042739

Protanopia
1E2437

Deuteranopia
19253A

Trichromacy



Original Color
042739

Protanomaly
152538

Deuteranomaly
11263A

Tritanomaly
012831

Monochromacy



Original Color
042739

Achromatopsia
1F1F1F

Achromatomaly
152228

CSS Examples

Text

The CSS property to change the color of the text to Hex 042739 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 #042739 looks like.

```
.text, #text, p{  
    color:#042739  
}
```

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 #042739 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #042739
}
```

Border

The CSS property to change the border of an element to Hex 042739 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
#042739 }
```

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

```
.border{ border-color:#042739 }
```

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

Here you see how a box with a 4 pixel #042739 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #042739; -webkit-box-shadow:4px 4px  
4px 4px #042739; box-shadow:4px 4px 4px  
4px #042739 }
```

Background

The CSS property to change the background color of an element to Hex 042739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#042739 }
```

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

```
.background{ background-color:#042739 }
```

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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