

Converting Colors

Hex(072938)

Have a look what the booklet for
Hex(072938) contains.

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Color

Hex(072938)

Conversions

Conversions Part 1

Format	Color
Hex	072938
RGB	7, 41, 56
RGB Percent	3%, 16%, 22%
CMY	0.9725, 0.8392, 0.7804
CMYK	0.87, 0.27, 0.00, 0.78
HSL	198°, 78%, 12%
HSV	198°, 87%, 22%
XYZ	1.5944, 1.9166, 4.0273
YIQ	32.5440, -25.0790, -2.5430

Conversions

Conversions Part 2

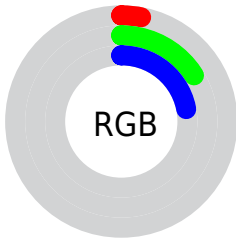
Format	Color
RYB	7, 27, 56
Decimal	469304
CIELab	15.04, -5.81, -13.11
CIELCh	15, 14.345, 246.092
Yxy	1.9166, 0.2115, 0.2542
Android (android.graphics.Color)	4278659384 (0xFF072938)
YUV	32.5440, 11.5638, -22.4021
Hunter-Lab	13.8440, -3.6698, -7.5569

Details

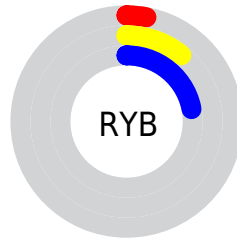
The Hex color **072938** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **381607**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **395667**, and **00000B** is the 20% darker color. If you saturate the color by 10%, you get **012738**, and if you desaturate by 10%, it is **0D2B38**.

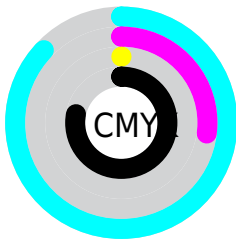
Distribution



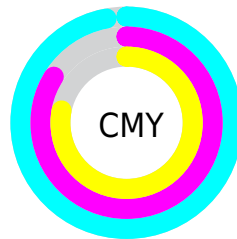
- Red (3%)
- Green (16%)
- Blue (22%)



- Red (3%)
- Yellow (11%)
- Blue (22%)



- Cyan (87%)
- Magenta (27%)
- Yellow (0%)
- Black (78%)



- Cyan (97%)
- Magenta (84%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 072938 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 072938 by changing the saturation by 10% instead.

072938

072938

F3FFFF

001523

395667

00000B

516E80

000000

6B889A

84A2B5

9FBDD0

BAD9ED

D6F5FF

072938

072938

■ 012738

■ 0D2B38

■ 002738

■ 122C38

■ 182E38

■ 1D3038

■ 233238

■ 293338

■ 2E3538

■ 343738

■ 393838

Harmonies

Analogous

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



002B31



072938



1A263A

Triad

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



072938



391E24



202915

Complementary

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



072938



381607

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.



2A2611



072938



381F1A

Square

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



072938



341F2E



332213



132A1D

Rectangle

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



072938



252438



332213



232813

Sweetspot

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



072938



37444A



073816



1A2326



A6A6A6



262626

Same Dimension

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



072938



00334A



071138



191B1C



00405C



0098DB

Inverse Universe

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



380729



4A0033



382E07



1C191B



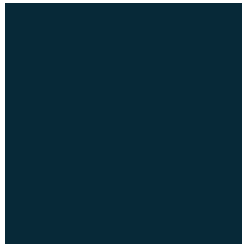
5C0040



DB0098

Previews

White Background



This preview shows how the Hex color 072938 looks on a white background.

Color Contrast Check

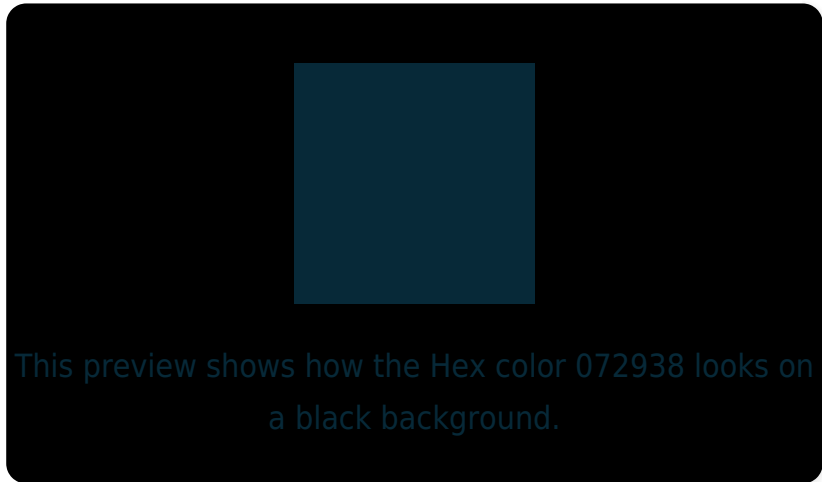
Large Text (above 18pt) WCAG AA ✓ Pass

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

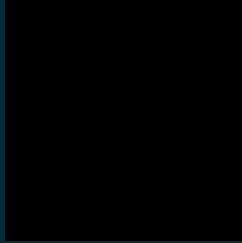
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

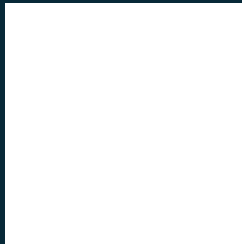
Any Text WCAG AAA × Fail

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

Hex 072938 Background



This preview shows how black text looks on a background with the Hex color 072938.



This preview shows how white text looks on a background with the Hex color 072938.

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
072938

Protanopia
212635

Deuteranopia
1E2639

Trichromacy



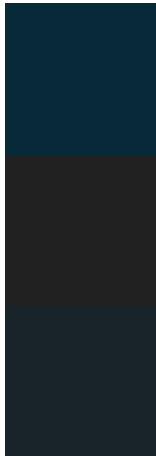
Original Color
072938

Protanomaly
182736

Deuteranomaly
162739

Tritanomaly
032A32

Monochromacy



Original Color
072938

Achromatopsia
212121

Achromatomaly
182429

CSS Examples

Text

The CSS property to change the color of the text to Hex 072938 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 #072938 looks like.

```
.text, #text, p{  
    color:#072938  
}
```

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 #072938 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #072938
}
```

Border

The CSS property to change the border of an element to Hex 072938 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
#072938 }
```

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

```
.border{ border-color:#072938 }
```

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

Here you see how a box with a 4 pixel #072938 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #072938; -webkit-box-shadow:4px 4px  
4px 4px #072938; box-shadow:4px 4px 4px  
4px #072938 }
```

Background

The CSS property to change the background color of an element to Hex 072938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#072938 }
```

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

```
.background{ background-color:#072938 }
```

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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