

Converting Colors

Hex(072330)

Have a look what the booklet for
Hex(072330) contains.

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Color

Hex(072330)

Conversions

Conversions Part 1

Format	Color
Hex	072330
RGB	7, 35, 48
RGB Percent	3%, 14%, 19%
CMY	0.9725, 0.8627, 0.8118
CMYK	0.85, 0.27, 0.00, 0.81
HSL	199°, 75%, 11%
HSV	199°, 85%, 19%
XYZ	1.2222, 1.4606, 3.0138
YIQ	28.1100, -20.8610, -1.8930

Conversions

Conversions Part 2

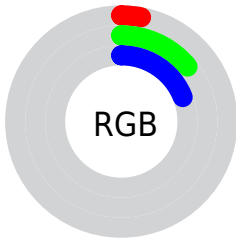
Format	Color
RYB	7, 24, 48
Decimal	467760
CIELab	12.36, -5.08, -11.61
CIELCh	12, 12.675, 246.352
Yxy	1.4606, 0.2145, 0.2564
Android (android.graphics.Color)	4278657840 (0xFF072330)
YUV	28.1100, 9.8058, -18.5135
Hunter-Lab	12.0857, -3.0992, -6.3253

Details

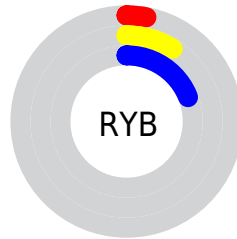
The Hex color **072330** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **301407**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **374F5E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **022130**, and if you desaturate by 10%, it is **0C2530**.

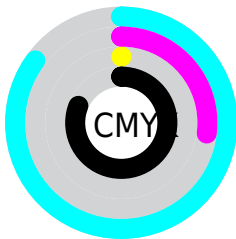
Distribution



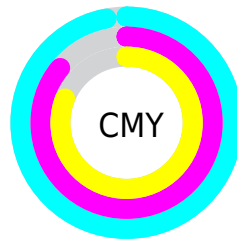
- Red (3%)
- Green (14%)
- Blue (19%)



- Red (3%)
- Yellow (9%)
- Blue (19%)



- Cyan (85%)
- Magenta (27%)
- Yellow (0%)
- Black (81%)



- Cyan (97%)
- Magenta (86%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 072330 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 072330 by changing the saturation by 10% instead.

072330

072330

FFFFFF

000D1B

374F5E

000000

4F6777

678090

819AAB

9BB5C6

B6D1E2

D2EDFF

072330

072330

■ 022130

■ 0C2530

■ 002130

■ 112630

■ 152830

■ 1A2930

■ 1F2B30

■ 242C30

■ 292E30

■ 2D2F30

■ 323130

Harmonies

Analogous

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



00242A



072330



172031

Triad

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



072330



31191F



1B2312

Complementary

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



072330



301407

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.



24200D



072330



301B16

Square

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



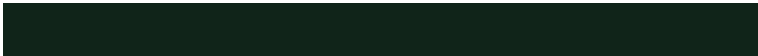
072330



2D1A27



2C1D10



102419

Rectangle

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



072330



201E30



2C1D10



1E2210

Sweetspot

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



072330



2D383D



073014



151C1F



9E9E9E



1F1F1F

Same Dimension

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



072330



002A3D



070F30



151617



003B57



0092D6

Inverse Universe

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



300723



3D002A



302807



171516



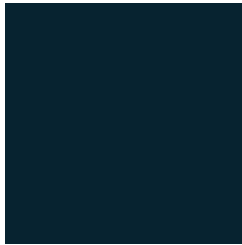
57003B



D60092

Previews

White Background



This preview shows how the Hex color 072330 looks on a white background.

Color Contrast Check

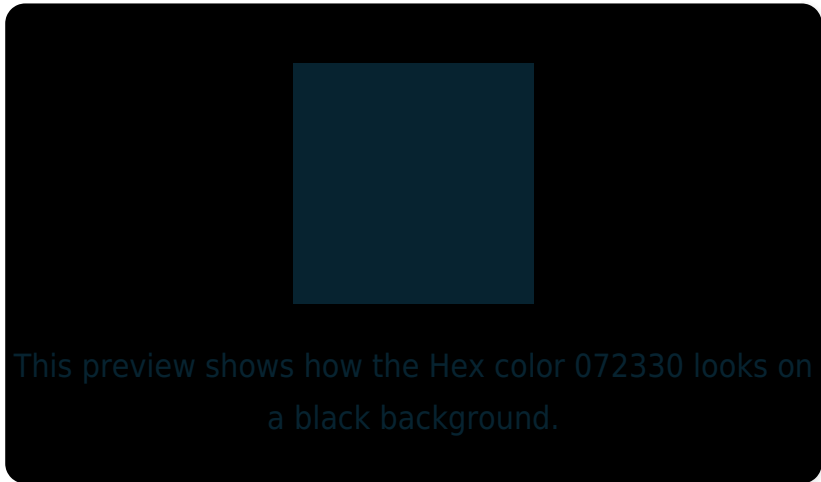
Large Text (above 18pt) WCAG AA ✓ Pass

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

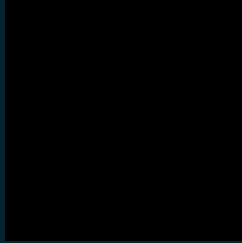
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

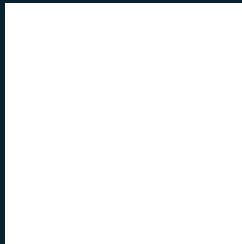
Any Text WCAG AAA × Fail

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

Hex 072330 Background



This preview shows how black text looks on a background with the Hex color 072330.



This preview shows how white text looks on a background with the Hex color 072330.

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
072330

Protanopia
1C202E

Deuteranopia
192031

Trichromacy



Original Color
072330

Protanomaly
14212F

Deuteranomaly
122131

Tritanomaly
03242A

Monochromacy



Original Color
072330

Achromatopsia
1C1C1C

Achromatomaly
141F23

CSS Examples

Text

The CSS property to change the color of the text to Hex 072330 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 #072330 looks like.

```
.text, #text, p{  
    color:#072330  
}
```

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 #072330 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #072330
}
```

Border

The CSS property to change the border of an element to Hex 072330 is called "border". The border property can be set on classes, ids or directly on the HTML element.

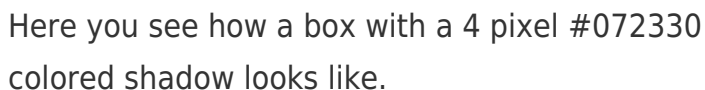
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#072330 }
```

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

```
.border{ border-color:#072330 }
```

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



Here you see how a box with a 4 pixel #072330 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #072330; -webkit-box-shadow:4px 4px  
4px 4px #072330; box-shadow:4px 4px 4px  
4px #072330 }
```

Background

The CSS property to change the background color of an element to Hex 072330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#072330 }
```

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

```
.background{ background-color:#072330 }
```

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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