

Converting Colors

Hex(072944)

Have a look what the booklet for
Hex(072944) contains.

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Color

Hex(072944)

Conversions

Conversions Part 1

Format	Color
Hex	072944
RGB	7, 41, 68
RGB Percent	3%, 16%, 27%
CMY	0.9725, 0.8392, 0.7333
CMYK	0.90, 0.40, 0.00, 0.73
HSL	207°, 81%, 15%
HSV	207°, 90%, 27%
XYZ	1.9239, 2.0484, 5.7628
YIQ	33.9120, -28.9310, 1.1890

Conversions

Conversions Part 2

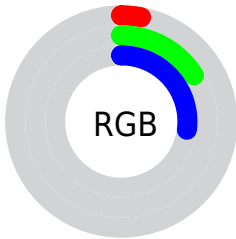
Format	Color
R_YB	7, 29, 68
Decimal	469316
CIE Lab	15.74, -0.54, -20.37
CIE LCh	16, 20.375, 268.479
Yxy	2.0484, 0.1976, 0.2104
Android (android.graphics.Color)	4278659396 (0xFF072944)
YUV	33.9120, 16.8054, -23.6018
Hunter-Lab	14.3122, -1.0512, -13.8545

Details

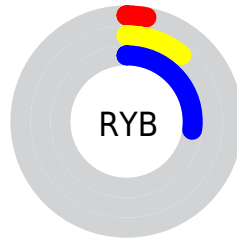
The Hex color **072944** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **442207**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **3C5674**, and **000119** is the 20% darker color. If you saturate the color by 10%, you get **002644**, and if you desaturate by 10%, it is **0E2C44**.

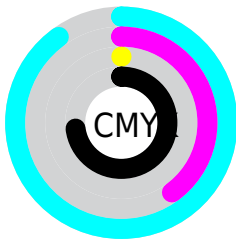
Distribution



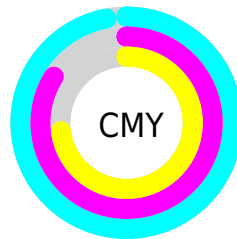
- Red (3%)
- Green (16%)
- Blue (27%)



- Red (3%)
- Yellow (11%)
- Blue (27%)



- Cyan (90%)
- Magenta (40%)
- Yellow (0%)
- Black (73%)



- Cyan (97%)
- Magenta (84%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 072944 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 072944 by changing the saturation by 10% instead.

 072944

 072944

 F9FFFF

 00152E

 3C5674

 000119

 556E8E

 000000

 6F87A9

 89A2C4

 A4BDE0

 BFD8FC

 DCF5FF

 072944

 072944

■ 002644

■ 0E2C44

■ 152F44

■ 1B3244

■ 223544

■ 293844

■ 303B44

■ 373E44

■ 3D4144

■ 444444

Harmonies

Analogous

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



002D40



072944



272441

Triad

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



072944



411C1A



0F2D18

Complementary

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



072944



442207

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.



222A0B



072944



3B210E

Square

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



072944



411B29



302606



002E26

Rectangle

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



072944



33203A



302606



162C13

Sweetspot

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



072944



414F59



074421



1F272E



ADADAD



2E2E2E

Same Dimension

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



072944



003259



070B44



1E2021



003661



007DE0

Inverse Universe

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



440729



590032



444007



211E20



610036



E0007D

Previews

White Background



This preview shows how the Hex color 072944 looks on a white background.

Color Contrast Check

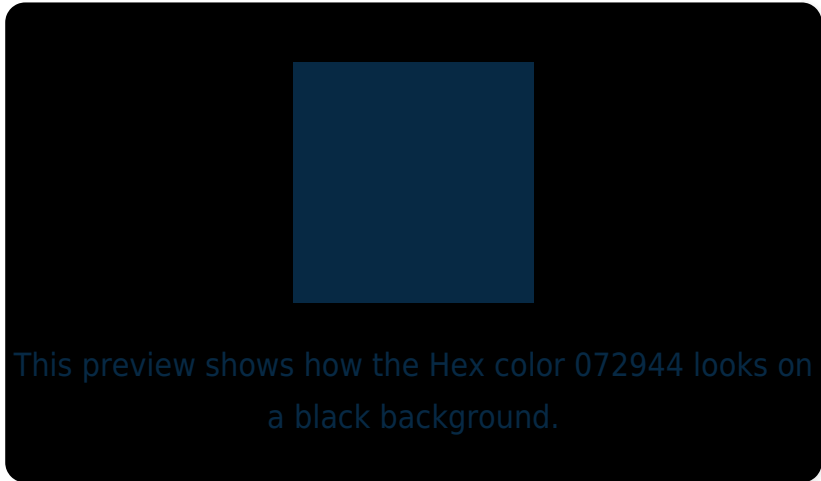
Large Text (above 18pt) WCAG AA ✓ Pass

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

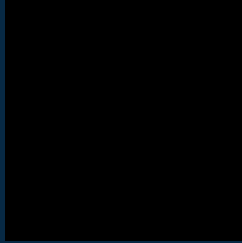
Any Text WCAG AA × Fail

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 072944 Background



This preview shows how black text looks on a background with the Hex color 072944.



This preview shows how white text looks on a background with the Hex color 072944.

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
072944

Protanopia
1D2742

Deuteranopia
122844

Trichromacy



Original Color

072944

Protanomaly

152843

Deuteranomaly

0E2844

Tritanomaly

032B37

Monochromacy



Original Color

072944

Achromatopsia

222222

Achromatomaly

18252E

CSS Examples

Text

The CSS property to change the color of the text to Hex 072944 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 #072944 looks like.

```
.text, #text, p{  
    color:#072944  
}
```

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 #072944 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #072944
}
```

Border

The CSS property to change the border of an element to Hex 072944 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
#072944 }
```

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

```
.border{ border-color:#072944 }
```

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

Here you see how a box with a 4 pixel #072944 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #072944; -webkit-box-shadow:4px 4px  
4px 4px #072944; box-shadow:4px 4px 4px  
4px #072944 }
```

Background

The CSS property to change the background color of an element to Hex 072944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#072944 }
```

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

```
.background{ background-color:#072944 }
```

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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