

Converting Colors

Hex(072872)

Have a look what the booklet for
Hex(072872) contains.

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Color

Hex(072872)

Conversions

Conversions Part 1

Format	Color
Hex	072872
RGB	7, 40, 114
RGB Percent	3%, 16%, 45%
CMY	0.9725, 0.8431, 0.5529
CMYK	0.94, 0.65, 0.00, 0.55
HSL	221°, 88%, 24%
HSV	221°, 94%, 45%
XYZ	3.8837, 2.7777, 16.2510
YIQ	38.5690, -43.4220, 16.0180

Conversions

Conversions Part 2

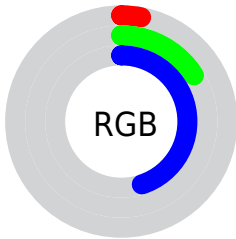
Format	Color
RYB	7, 32, 114
Decimal	469106
CIELab	19.13, 20.79, -45.52
CIELCh	19, 50.042, 294.548
Yxy	2.7777, 0.1695, 0.1212
Android (android.graphics.Color)	4278659186 (0xFF072872)
YUV	38.5690, 37.1875, -27.6860
Hunter-Lab	16.6663, 12.4290, -46.1463

Details

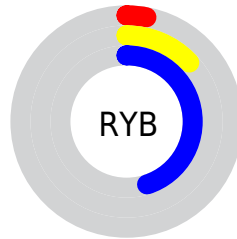
The Hex color **072872** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **725107**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **4C55A7**, and **000041** is the 20% darker color. If you saturate the color by 10%, you get **002372**, and if you desaturate by 10%, it is **123072**.

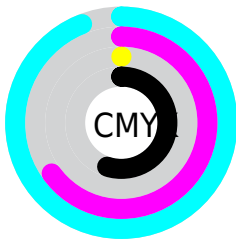
Distribution



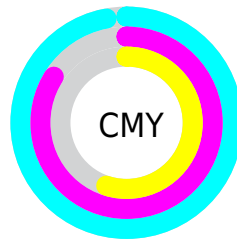
- Red (3%)
- Green (16%)
- Blue (45%)



- Red (3%)
- Yellow (13%)
- Blue (45%)



- Cyan (94%)
- Magenta (65%)
- Yellow (0%)
- Black (55%)



- Cyan (97%)
- Magenta (84%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 072872 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 072872 by changing the saturation by 10% instead.

072872

072872

FFFFFF

001459

4C55A7

000041

676DC2

00032A

8386DE

000114

9FA0FB

000000

BBBBFF

D8D7FF

F5F3FF

072872

072872

■ 002372

■ 123072

■ 1E3872

■ 294072

■ 354872

■ 404F72

■ 4B5772

■ 575F72

■ 626772

■ 6E6F72

Harmonies

Analogous

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



003678



072872



520D59

Triad

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



072872



5A1700



003C26

Complementary

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



072872



725107

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.



003A00



072872



402B00

Square

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



072872



690013



1D3500



003D4C

Rectangle

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



072872



630043



1D3500



003C19

Sweetspot

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



072872



6A7794



077250



31394A



C9C9C9



4A4A4A

Same Dimension

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



072872



002E94



1B0772



323438



002578



004CF7

Inverse Universe

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



720728



94002E



5E7207



383234



780025



F7004C

Previews

White Background



This preview shows how the Hex color 072872 looks on a white background.

Color Contrast Check

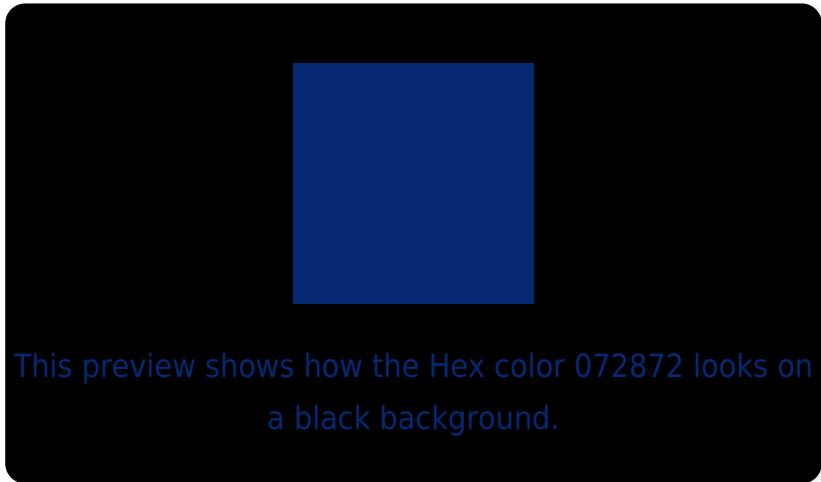
Large Text (above 18pt) WCAG AA ✓ Pass

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

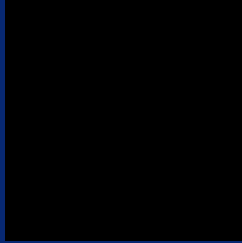
Any Text WCAG AA × Fail

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 072872 Background



This preview shows how black text looks on a background with the Hex color 072872.



This preview shows how white text looks on a background with the Hex color 072872.

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

072872

Protanopia

002D60

Deuteranopia

003052

Trichromacy



Original Color

072872

Protanomaly

032B67

Deuteranomaly

032D5E

Tritanomaly

03304C

Monochromacy



Original Color

072872

Achromatopsia

272727

Achromatomaly

1B2742

CSS Examples

Text

The CSS property to change the color of the text to Hex 072872 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 #072872 looks like.

```
.text, #text, p{  
    color:#072872  
}
```

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 #072872 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #072872
}
```

Border

The CSS property to change the border of an element to Hex 072872 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
#072872 }
```

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

```
.border{ border-color:#072872 }
```

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

Here you see how a box with a 4 pixel #072872 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #072872; -webkit-box-shadow:4px 4px  
4px 4px #072872; box-shadow:4px 4px 4px  
4px #072872 }
```

Background

The CSS property to change the background color of an element to Hex 072872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#072872 }
```

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

```
.background{ background-color:#072872 }
```

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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