

Converting Colors

Hex(072C12)

Have a look what the booklet for
Hex(072C12) contains.

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Color

Hex(072C12)

Conversions

Conversions Part 1

Format	Color
Hex	072C12
RGB	7, 44, 18
RGB Percent	3%, 17%, 7%
CMY	0.9725, 0.8275, 0.9294
CMYK	0.84, 0.00, 0.59, 0.83
HSL	138°, 73%, 10%
HSV	138°, 84%, 17%
XYZ	1.0975, 1.8902, 0.8793
YIQ	29.9730, -13.7060, -15.9300

Conversions

Conversions Part 2

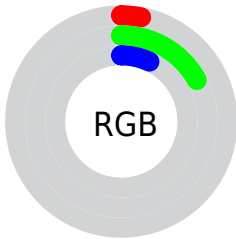
Format	Color
RYB	7, 36, 44
Decimal	470034
CIELab	14.90, -20.18, 13.11
CIELCh	15, 24.065, 146.982
Yxy	1.8902, 0.2838, 0.4888
Android (android.graphics.Color)	4278660114 (0xFF072C12)
YUV	29.9730, -5.9027, -20.1473
Hunter-Lab	13.7485, -9.8109, 5.8321

Details

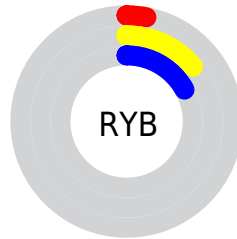
The Hex color **072C12** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2C0721**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **365A3D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **032C0F**, and if you desaturate by 10%, it is **0B2C15**.

Distribution



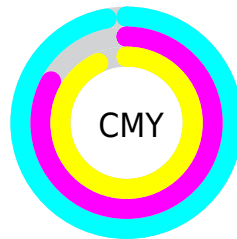
- Red (3%)
- Green (17%)
- Blue (7%)



- Red (3%)
- Yellow (14%)
- Blue (17%)



- Cyan (84%)
- Magenta (0%)
- Yellow (59%)
- Black (83%)



- Cyan (97%)
- Magenta (83%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 072C12 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 072C12 by changing the saturation by 10% instead.

 072C12

 072C12

 EEEFF3

 001900

 365A3D

 000000

 4E7354

 668D6C

 80A785

 9AC2A0

 B5DEBB

 D1FBD6

 072C12

 072C12

■ 032C0F

■ 0B2C15

■ 002C0D

■ 102C18

■ 142C1B

■ 192C1E

■ 1D2C21

■ 212C25

■ 262C28

■ 2A2C2B

■ 2F2C2E

Harmonies

Analogous

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



202900



072C12



002D23

Triad

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



072C12



002847



431717

Complementary

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



072C12



2C0721

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.



431528



072C12



222244

Square

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



072C12



002C42



381A38



3D1D05

Rectangle

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



072C12



002E2F



381A38



44161D

Sweetspot

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



072C12



2A382E



222C07



141C16



9C9C9C



1C1C1C

Same Dimension

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



072C12



003811



072C24



151715



00571A



00D640

Inverse Universe

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



2C0721



380027



2C070F



171516



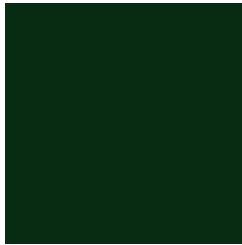
57003D



D60097

Previews

White Background



This preview shows how the Hex color 072C12 looks on a white background.

Color Contrast Check

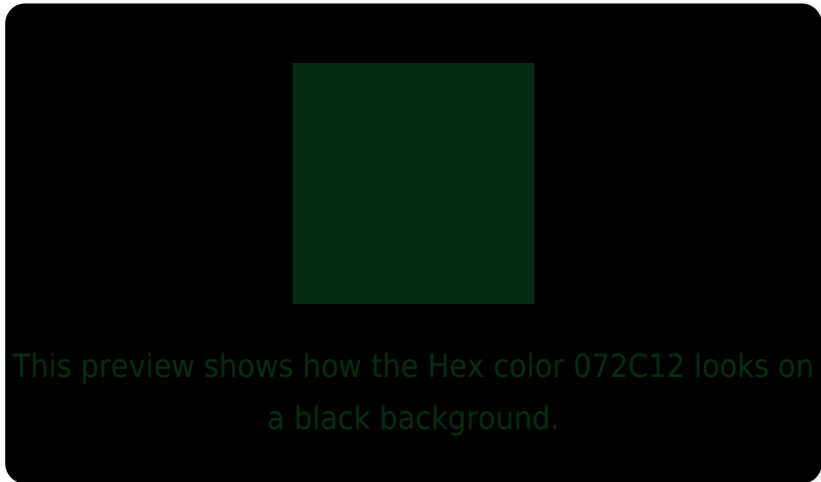
Large Text (above 18pt) WCAG AA ✓ Pass

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

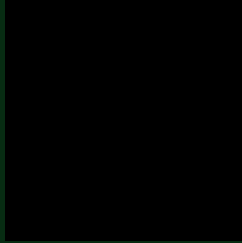
Any Text WCAG AA × Fail

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 072C12 Background



This preview shows how black text looks on a background with the Hex color 072C12.



This preview shows how white text looks on a background with the Hex color 072C12.

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
072C12

Protanopia
2A2610

Deuteranopia
2E2414



Tritanopia
12292D

Trichromacy



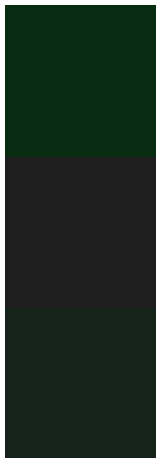
Original Color
072C12

Protanomaly
1D2811

Deuteranomaly
202713

Tritanomaly
0E2A23

Monochromacy



Original Color
072C12

Achromatopsia
1E1E1E

Achromatomaly
16231A

CSS Examples

Text

The CSS property to change the color of the text to Hex 072C12 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 #072C12 looks like.

```
.text, #text, p{  
    color:#072C12  
}
```

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 #072C12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #072C12
}
```

Border

The CSS property to change the border of an element to Hex 072C12 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".

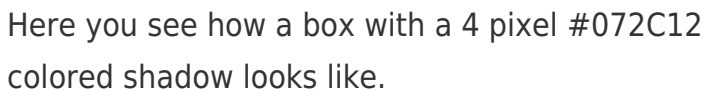
```
.border, #border, table{ border:4px solid
#072C12 }
```

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

```
.border{ border-color:#072C12 }
```

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

Here you see how a box with a 4 pixel #072C12 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #072C12; -webkit-box-shadow:4px 4px  
4px 4px #072C12; box-shadow:4px 4px 4px  
4px #072C12 }
```

Background

The CSS property to change the background color of an element to Hex 072C12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#072C12 }
```

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

```
.background{ background-color:#072C12 }
```

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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