

Converting Colors

Hex(072B20)

Have a look what the booklet for
Hex(072B20) contains.

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Color

Hex(072B20)

Conversions

Conversions Part 1

Format	Color
Hex	072B20
RGB	7, 43, 32
RGB Percent	3%, 17%, 13%
CMY	0.9725, 0.8314, 0.8745
CMYK	0.84, 0.00, 0.26, 0.83
HSL	162°, 72%, 10%
HSV	162°, 84%, 17%
XYZ	1.2122, 1.8772, 1.6649
YIQ	30.9820, -17.9250, -11.0530

Conversions

Conversions Part 2

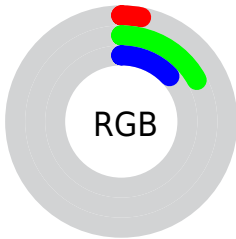
Format	Color
R_{YB}	7, 28, 43
Decimal	469792
CIE _{Lab}	14.83, -16.06, 3.51
CIE _{LCh}	15, 16.444, 167.667
Yxy	1.8772, 0.2550, 0.3948
Android (android.graphics.Color)	4278659872 (0xFF072B20)
YUV	30.9820, 0.5019, -21.0322
Hunter-Lab	13.7011, -8.1841, 2.3859

Details

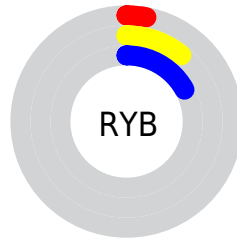
The Hex color **072B20** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2B0712**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **36594C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **032B1F**, and if you desaturate by 10%, it is **0B2B21**.

Distribution



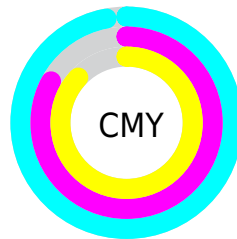
- Red (3%)
- Green (17%)
- Blue (13%)



- Red (3%)
- Yellow (11%)
- Blue (17%)



- Cyan (84%)
- Magenta (0%)
- Yellow (26%)
- Black (83%)



- Cyan (97%)
- Magenta (83%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 072B20 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 072B20 by changing the saturation by 10% instead.

 072B20

 072B20

 EDFFFF

 001808

 36594C

 000000

 4D7164

 668B7D

 80A596

 9AC1B1

 B5DDCD

 D1F9E9

 072B20

 072B20

■ 032B1F

■ 0B2B21

■ 002B1E

■ 102B23

■ 142B24

■ 182B25

■ 1D2B27

■ 212B28

■ 252B29

■ 292B2B

■ 2E2B2C

Harmonies

Analogous

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



192A15



072B20



002B2C

Triad

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



072B20



1F243B



381F15

Complementary

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



072B20



2B0712

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.



3B1C1F



072B20



2F2035

Square

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



072B20



07283C



381C2B



31230E

Rectangle

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



072B20



002B33



381C2B



3A1E18

Sweetspot

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



072B20



2A3834



122B07



141C19



9C9C9C



1C1C1C

Same Dimension

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



072B20



003827



07242B



121414



00543A



00D493

Inverse Universe

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



2B0712



380011



2B0E07



141213



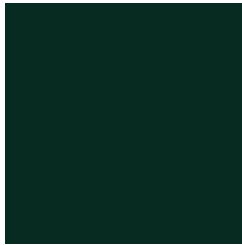
54001A



D40041

Previews

White Background



This preview shows how the Hex color 072B20 looks on a white background.

Color Contrast Check

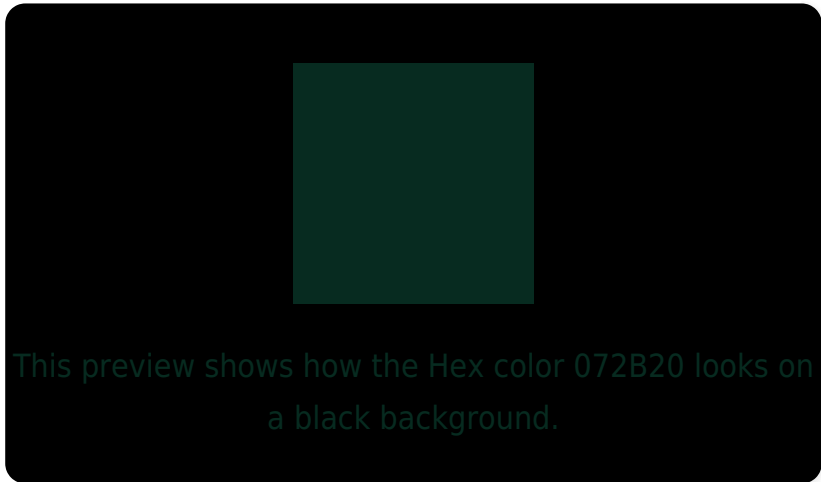
Large Text (above 18pt) WCAG AA ✓ Pass

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

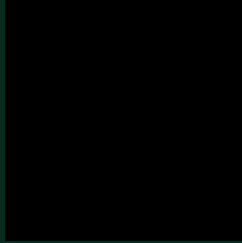
Any Text WCAG AA × Fail

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 072B20 Background



This preview shows how black text looks on a background with the Hex color 072B20.



This preview shows how white text looks on a background with the Hex color 072B20.

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
072B20

Protanopia
28261D

Deuteranopia
2B2421



Tritanopia
0F292D

Trichromacy



Original Color
072B20

Protanomaly
1C281E

Deuteranomaly
1E2721

Tritanomaly
0C2A28

Monochromacy



Original Color
072B20

Achromatopsia
1F1F1F

Achromatomaly
16231F

CSS Examples

Text

The CSS property to change the color of the text to Hex 072B20 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 #072B20 looks like.

```
.text, #text, p{  
    color:#072B20  
}
```

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 #072B20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #072B20
}
```

Border

The CSS property to change the border of an element to Hex 072B20 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
#072B20 }
```

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

```
.border{ border-color:#072B20 }
```

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

Here you see how a box with a 4 pixel #072B20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #072B20; -webkit-box-shadow:4px 4px  
4px 4px #072B20; box-shadow:4px 4px 4px  
4px #072B20 }
```

Background

The CSS property to change the background color of an element to Hex 072B20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#072B20 }
```

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

```
.background{ background-color:#072B20 }
```

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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