

# Converting Colors

Hex(072F32)

Have a look what the booklet for  
Hex(072F32) contains.

<b>Hex(072F32)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(072F32)

# Conversions

## Conversions Part 1

Format	Color
Hex	072F32
RGB	7, 47, 50
RGB Percent	3%, 18%, 20%
CMY	0.9725, 0.8157, 0.8039
CMYK	0.86, 0.06, 0.00, 0.80
HSL	184°, 75%, 11%
HSV	184°, 86%, 20%
XYZ	1.6799, 2.3085, 3.3747
YIQ	35.3820, -24.8030, -7.5470

# Conversions

## Conversions Part 2

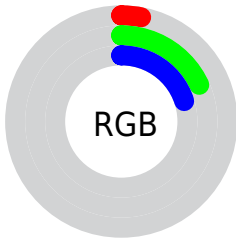
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	7, 28, 50
Decimal	470834
CIE <sub>Lab</sub>	17.03, -12.13, -5.88
CIE <sub>LCh</sub>	17, 13.475, 205.852
Yxy	2.3085, 0.2281, 0.3135
Android (android.graphics.Color)	4278660914 (0xFF072F32)
YUV	35.3820, 7.2067, -24.8910
Hunter-Lab	15.1937, -6.8535, -2.5332

# Details

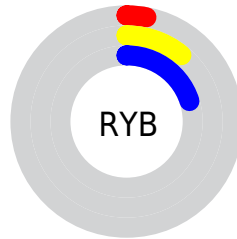
The Hex color **072F32** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **320A07**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **395D60**, and **000002** is the 20% darker color. If you saturate the color by 10%, you get **022F32**, and if you desaturate by 10%, it is **0C2F32**.

# Distribution



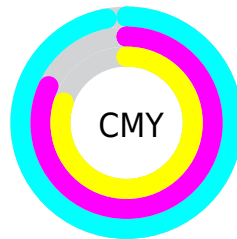
- Red (3%)
- Green (18%)
- Blue (20%)



- Red (3%)
- Yellow (11%)
- Blue (20%)



- Cyan (86%)
- Magenta (6%)
- Yellow (0%)
- Black (80%)



- Cyan (97%)
- Magenta (82%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 072F32 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 072F32 by changing the saturation by 10% instead.



 072F32


 072F32


 F2FFFF

 001B1D

 395D60

 000002

 517679

 000000

 6A8F93

 84AAAD

 9EC5C9

 BAE1E5

 D6FEFF

 072F32

 072F32

■ 022F32

■ 0C2F32

■ 002F32

■ 113032

■ 163032

■ 1B3032

■ 203132

■ 253132

■ 2A3132

■ 2F3232

■ 343232

# Harmonies

## Analogous

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



112F28



072F32



0B2E3A

# Triad

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



072F32



352535



322917

# Complementary

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



072F32



320A07

# 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.



39261A



072F32



3C232C

# Square

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



072F32



29283B



3D2322



282C18

# Rectangle

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



072F32



152C3C



3D2322



342817



# Sweetspot

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



072F32



2F3F40



07320A



172021



A1A1A1



212121



# Same Dimension

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



072F32



003B40



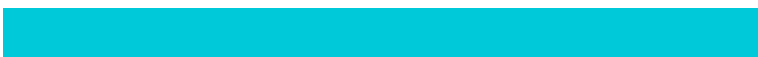
071A32



17191A



005359



00CAD9



# Inverse Universe

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



32072F



40003B



321F07



1A1719



590053

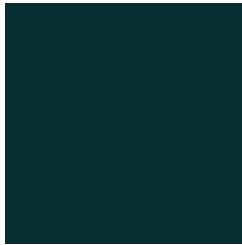


D900CA



# Previews

## White Background



This preview shows how the Hex color 072F32 looks on a white background.

## Color Contrast Check

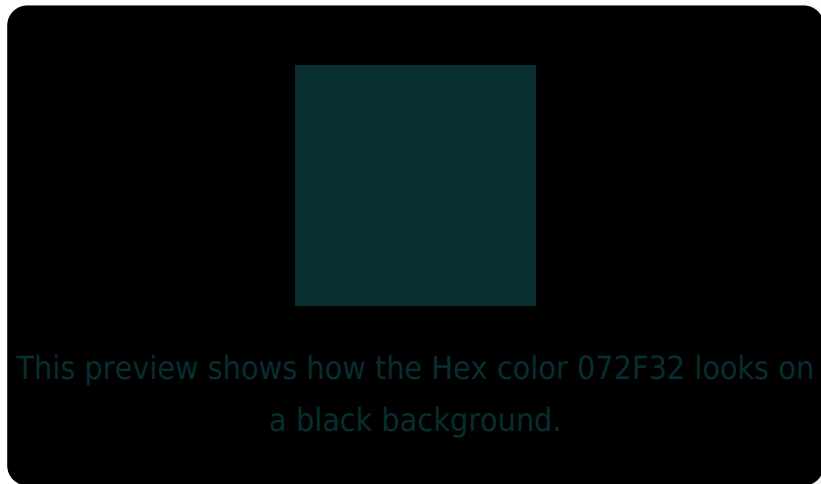
Large Text (above 18pt) WCAG AA ✓ Pass

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

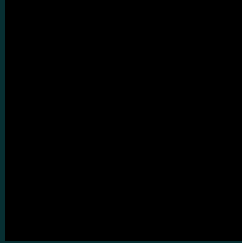
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

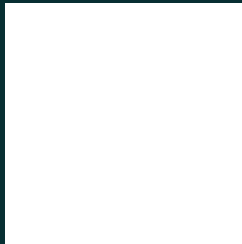
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 072F32 Background



This preview shows how black text looks on a background with the Hex color 072F32.



This preview shows how white text looks on a background with the Hex color 072F32.

# 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**  
072F32

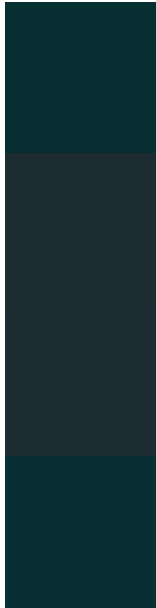
**Protanopia**  
2A2A2F

**Deuteranopia**  
2A2933



**Tritanopia**  
082F33

# Trichromacy



**Original Color**  
072F32

**Protanomaly**  
1D2C30

**Deuteranomaly**  
1D2B33

**Tritanomaly**  
082F33

# Monochromacy



**Original Color**  
072F32

**Achromatopsia**  
232323

**Achromatomaly**  
192728

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 072F32 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 #072F32 looks like.

```
.text, #text, p{  
    color:#072F32  
}
```

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 #072F32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #072F32
}
```

## Border

The CSS property to change the border of an element to Hex 072F32 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
#072F32 }
```

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

```
.border{ border-color:#072F32 }
```

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

Here you see how a box with a 4 pixel #072F32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #072F32; -webkit-box-shadow:4px 4px  
4px 4px #072F32; box-shadow:4px 4px 4px  
4px #072F32 }
```

# Background

The CSS property to change the background color of an element to Hex 072F32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#072F32 }
```

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

```
.background{ background-color:#072F32 }
```

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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