

Converting Colors

Hex(072F53)

Have a look what the booklet for
Hex(072F53) contains.

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Color

Hex(072F53)

Conversions

Conversions Part 1

Format	Color
Hex	072F53
RGB	7, 47, 83
RGB Percent	3%, 18%, 33%
CMY	0.9725, 0.8157, 0.6745
CMYK	0.92, 0.43, 0.00, 0.67
HSL	208°, 84%, 18%
HSV	208°, 92%, 33%
XYZ	2.6655, 2.7027, 8.5648
YIQ	39.1440, -35.3960, 2.7160

Conversions

Conversions Part 2

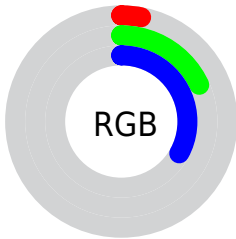
Format	Color
R_YB	7, 33, 83
Decimal	470867
CIE _{Lab}	18.81, 1.86, -25.67
CIE _{LCh}	19, 25.741, 274.139
Yxy	2.7027, 0.1913, 0.1940
Android (android.graphics.Color)	4278660947 (0xFF072F53)
YUV	39.1440, 21.6210, -28.1903
Hunter-Lab	16.4400, 0.1708, -19.3805

Details

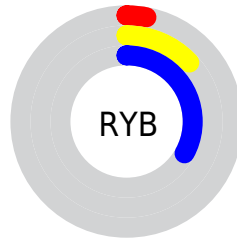
The Hex color **072F53** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **532B07**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **415C85**, and **000226** is the 20% darker color. If you saturate the color by 10%, you get **002C53**, and if you desaturate by 10%, it is **0F3353**.

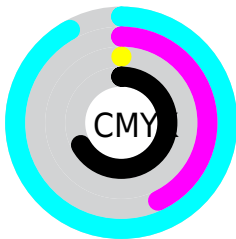
Distribution



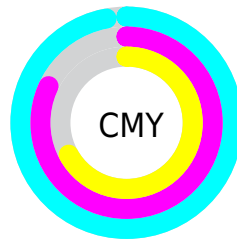
- Red (3%)
- Green (18%)
- Blue (33%)



- Red (3%)
- Yellow (13%)
- Blue (33%)



- Cyan (92%)
- Magenta (43%)
- Yellow (0%)
- Black (67%)



- Cyan (97%)
- Magenta (82%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 072F53 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 072F53 by changing the saturation by 10% instead.

072F53

072F53

FFFFFF

001B3C

415C85

000226

5B759F

00010F

758FBA

000000

8FA9D6

ABC4F2

C7E0FF

E3FDFF

072F53

072F53

■ 002C53

■ 0F3353

■ 183753

■ 203B53

■ 283F53

■ 304353

■ 394753

■ 414B53

■ 494E53

■ 525253

Harmonies

Analogous

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



00344F



072F53



32284D

Triad

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



072F53



4E201A



03361D

Complementary

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



072F53



532B07

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.



22330C



072F53



44270A

Square

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



072F53



4F1C2C



362E03



003730

Rectangle

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



072F53



412244



362E03



113517

Sweetspot

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



072F53



4E5D6B



07532A



242D36



B5B5B5



363636

Same Dimension

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



072F53



00386B



070A53



252729



003769



007AE8

Inverse Universe

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



53072F



6B0038



535007



292527



690037



E8007A

Previews

White Background



This preview shows how the Hex color 072F53 looks on a white background.

Color Contrast Check

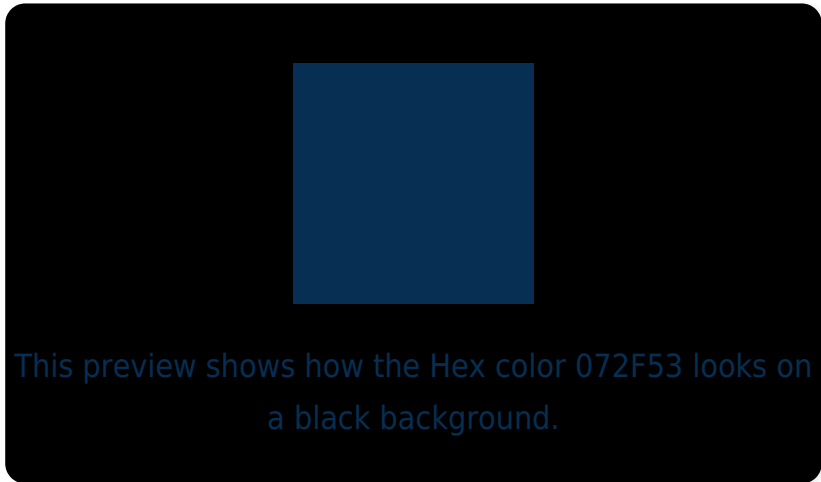
Large Text (above 18pt) WCAG AA ✓ Pass

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

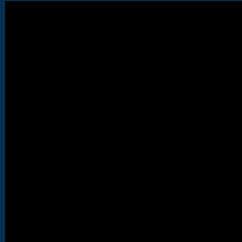
Any Text WCAG AA × Fail

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 072F53 Background



This preview shows how black text looks on a background with the Hex color 072F53.



This preview shows how white text looks on a background with the Hex color 072F53.

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
072F53

Protanopia
1E2D51

Deuteranopia
082F53



Tritanopia
003337

Trichromacy



Original Color
072F53

Protanomaly
162E52

Deuteranomaly
082F53

Tritanomaly
033241

Monochromacy



Original Color
072F53

Achromatopsia
272727

Achromatomaly
1B2A37

CSS Examples

Text

The CSS property to change the color of the text to Hex 072F53 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 #072F53 looks like.

```
.text, #text, p{  
    color:#072F53  
}
```

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 #072F53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #072F53
}
```

Border

The CSS property to change the border of an element to Hex 072F53 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
#072F53 }
```

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

```
.border{ border-color:#072F53 }
```

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

Here you see how a box with a 4 pixel #072F53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #072F53; -webkit-box-shadow:4px 4px  
4px 4px #072F53; box-shadow:4px 4px 4px  
4px #072F53 }
```

Background

The CSS property to change the background color of an element to Hex 072F53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#072F53 }
```

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

```
.background{ background-color:#072F53 }
```

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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