

Converting Colors

Hex(072D53)

Have a look what the booklet for
Hex(072D53) contains.

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Color

Hex(072D53)

Conversions

Conversions Part 1

Format	Color
Hex	072D53
RGB	7, 45, 83
RGB Percent	3%, 18%, 33%
CMY	0.9725, 0.8235, 0.6745
CMYK	0.92, 0.46, 0.00, 0.67
HSL	210°, 84%, 18%
HSV	210°, 92%, 33%
XYZ	2.5873, 2.5465, 8.5388
YIQ	37.9700, -34.8460, 3.7620

Conversions

Conversions Part 2

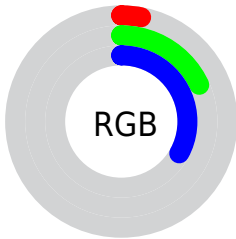
Format	Color
R_YB	7, 32, 83
Decimal	470355
CIE Lab	18.13, 3.31, -26.77
CIE LCh	18, 26.970, 277.046
Yxy	2.5465, 0.1892, 0.1862
Android (android.graphics.Color)	4278660435 (0xFF072D53)
YUV	37.9700, 22.1998, -27.1607
Hunter-Lab	15.9577, 1.0156, -20.5550

Details

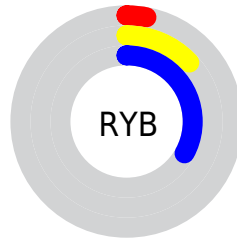
The Hex color **072D53** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **532D07**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **415A85**, and **000226** is the 20% darker color. If you saturate the color by 10%, you get **002953**, and if you desaturate by 10%, it is **0F3153**.

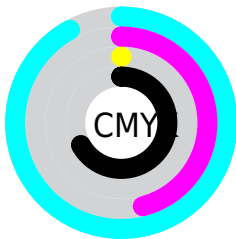
Distribution



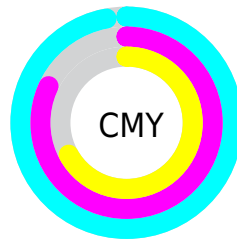
- Red (3%)
- Green (18%)
- Blue (33%)



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



- Cyan (92%)
- Magenta (46%)
- Yellow (0%)
- Black (67%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 072D53 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 072D53 by changing the saturation by 10% instead.

072D53

072D53

FFFFFF

00193C

415A85

000226

5B739F

00010F

758CBA

000000

90A6D6

ABC1F2

C7DDFF

E3FAFF

072D53

072D53

■ 002953

■ 0F3153

■ 183553

■ 203953

■ 283E53

■ 304253

■ 394653

■ 414A53

■ 494E53

■ 525253

Harmonies

Analogous

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



003250



072D53



33254C

Triad

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



072D53



4D1E16



00341C

Complementary

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



072D53



532D07

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.



1E320A



072D53



422604

Square

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



072D53



4F1928



332D00



003630

Rectangle

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



072D53



421F42



332D00



083416

Sweetspot

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



072D53



4E5D6B



07532D



242D36



B5B5B5



363636

Same Dimension

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



072D53



00366B



070753



252729



003469



0074E8

Inverse Universe

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



53072D



6B0036



535307



292527



690034



E80074

Previews

White Background



This preview shows how the Hex color 072D53 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

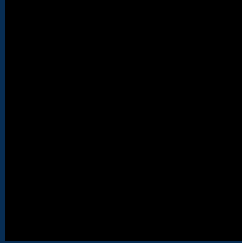
Any Text WCAG AA × Fail

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 072D53 Background



This preview shows how black text looks on a background with the Hex color 072D53.



This preview shows how white text looks on a background with the Hex color 072D53.

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
072D53

Protanopia
1A2B51

Deuteranopia
002E50

Trichromacy



Original Color
072D53

Protanomaly
132C52

Deuteranomaly
032E51

Tritanomaly
033040

Monochromacy



Original Color
072D53

Achromatopsia
262626

Achromatomaly
1B2936

CSS Examples

Text

The CSS property to change the color of the text to Hex 072D53 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 #072D53 looks like.

```
.text, #text, p{  
    color:#072D53  
}
```

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 #072D53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #072D53
}
```

Border

The CSS property to change the border of an element to Hex 072D53 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".

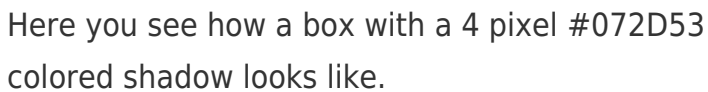
```
.border, #border, table{ border:4px solid
#072D53 }
```

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

```
.border{ border-color:#072D53 }
```

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

Here you see how a box with a 4 pixel #072D53 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #072D53; -webkit-box-shadow:4px 4px  
4px 4px #072D53; box-shadow:4px 4px 4px  
4px #072D53 }
```

Background

The CSS property to change the background color of an element to Hex 072D53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#072D53 }
```

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

```
.background{ background-color:#072D53 }
```

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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