

Converting Colors

Hex(072F5F)

Have a look what the booklet for
Hex(072F5F) contains.

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Color

Hex(072F5F)

Conversions

Conversions Part 1

Format	Color
Hex	072F5F
RGB	7, 47, 95
RGB Percent	3%, 18%, 37%
CMY	0.9725, 0.8157, 0.6275
CMYK	0.93, 0.51, 0.00, 0.63
HSL	213°, 86%, 20%
HSV	213°, 93%, 37%
XYZ	3.1697, 2.9044, 11.2200
YIQ	40.5120, -39.2480, 6.4480

Conversions

Conversions Part 2

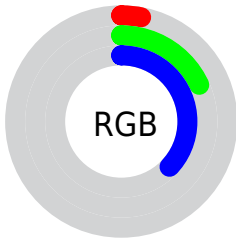
Format	Color
R _Y B	7, 35, 95
Decimal	470879
CIE Lab	19.66, 7.25, -32.29
CIE LCh	20, 33.091, 282.648
Yxy	2.9044, 0.1833, 0.1679
Android (android.graphics.Color)	4278660959 (0xFF072F5F)
YUV	40.5120, 26.8626, -29.3900
Hunter-Lab	17.0424, 3.3749, -27.1045

Details

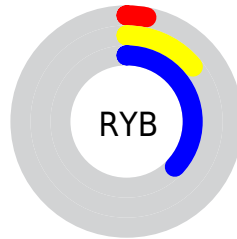
The Hex color **072F5F** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5F3707**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **455C92**, and **000030** is the 20% darker color. If you saturate the color by 10%, you get **002B5F**, and if you desaturate by 10%, it is **10345F**.

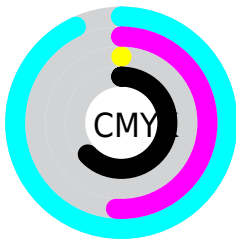
Distribution



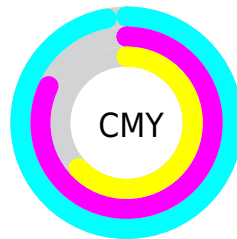
- Red (3%)
- Green (18%)
- Blue (37%)



- Red (3%)
- Yellow (14%)
- Blue (37%)



- Cyan (93%)
- Magenta (51%)
- Yellow (0%)
- Black (63%)



- Cyan (97%)
- Magenta (82%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 072F5F 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 072F5F by changing the saturation by 10% instead.

072F5F

072F5F

FFFFFF

001B47

455C92

000030

5F75AD

00011B

7A8EC8

000000

95A9E4

B1C4FF

CDE0FF

EAF0FF

072F5F

072F5F

■ 002B5F

■ 10345F

■ 1A395F

■ 233F5F

■ 2D445F

■ 37495F

■ 404E5F

■ 4A535F

■ 53585F

■ 5D5E5F

Harmonies

Analogous

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



00365E



072F5F



3D2453

Triad

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



072F5F



551E0F



003A20

Complementary

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



072F5F



5F3707

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.



163707



072F5F



472900

Square

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



072F5F



5A1626



323200



003B39

Rectangle

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



072F5F



4E1C46



323200



003918

Sweetspot

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



072F5F



58687A



075F36



28323D



BDBDBD



3D3D3D

Same Dimension

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



072F5F



00387A



0A075F



2C2E30



003370



006DF0

Inverse Universe

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



5F072F



7A0038



5C5F07



302C2E



700033



F0006D

Previews

White Background



This preview shows how the Hex color 072F5F looks on a white background.

Color Contrast Check

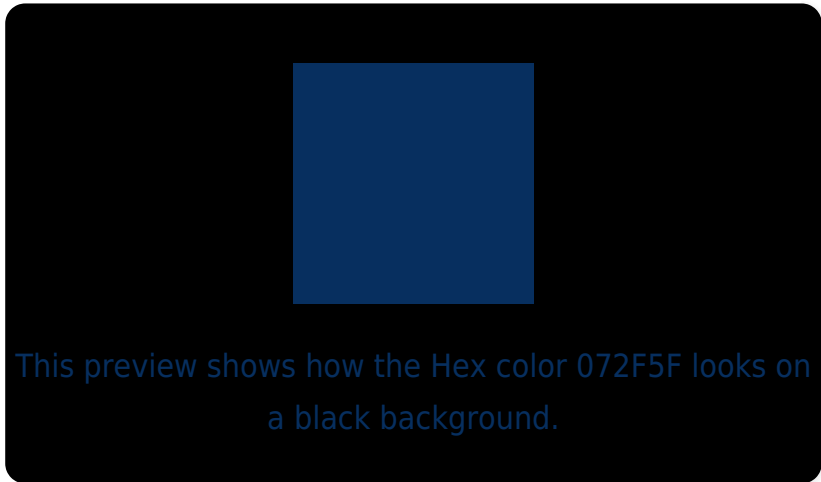
Large Text (above 18pt) WCAG AA ✓ Pass

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

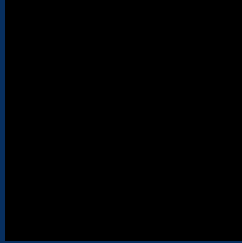
Any Text WCAG AA × Fail

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 072F5F Background



This preview shows how black text looks on a background with the Hex color 072F5F.



This preview shows how white text looks on a background with the Hex color 072F5F.

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
072F5F

Protanopia
122E5E

Deuteranopia
003155

Trichromacy



Original Color
072F5F

Protanomaly
0E2E5E

Deuteranomaly
033059

Tritanomaly
033347

Monochromacy



Original Color
072F5F

Achromatopsia
292929

Achromatomaly
1D2B3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 072F5F 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 #072F5F looks like.

```
.text, #text, p{  
    color:#072F5F  
}
```

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 #072F5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #072F5F
}
```

Border

The CSS property to change the border of an element to Hex 072F5F is called "border". The border property can be set on classes, ids or directly on the HTML element.

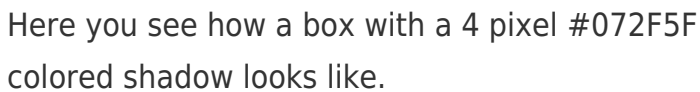
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#072F5F }
```

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

```
.border{ border-color:#072F5F }
```

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



Here you see how a box with a 4 pixel #072F5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #072F5F; -webkit-box-shadow:4px 4px  
4px 4px #072F5F; box-shadow:4px 4px 4px  
4px #072F5F }
```

Background

The CSS property to change the background color of an element to Hex 072F5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#072F5F }
```

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

```
.background{ background-color:#072F5F }
```

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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