

Converting Colors

Hex(02072E)

Have a look what the booklet for
Hex(02072E) contains.

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Color

Hex(02072E)

Conversions

Conversions Part 1

Format	Color
Hex	02072E
RGB	2, 7, 46
RGB Percent	1%, 3%, 18%
CMY	0.9922, 0.9725, 0.8196
CMYK	0.96, 0.85, 0.00, 0.82
HSL	233°, 92%, 9%
HSV	233°, 96%, 18%
XYZ	0.5942, 0.3621, 2.6233
YIQ	9.9510, -15.4990, 11.0690

Conversions

Conversions Part 2

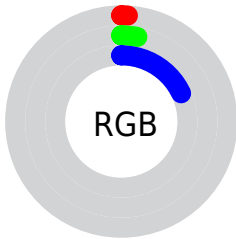
Format	Color
RYB	2, 6, 46
Decimal	132910
CIELab	3.27, 10.24, -24.54
CIELCh	3, 26.590, 292.650
Yxy	0.3621, 0.1660, 0.1012
Android (android.graphics.Color)	4278322990 (0xFF02072E)
YUV	9.9510, 17.7722, -6.9730
Hunter-Lab	6.0176, 7.0934, -21.6347

Details

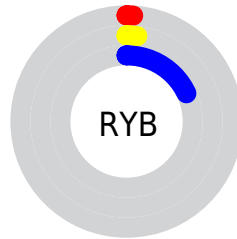
The Hex color **02072E** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **2E2902**, and the grayscale version is **0A0A0A**.

A 20% lighter version of the original color is **30345C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00052E**, and if you desaturate by 10%, it is **070B2E**.

Distribution



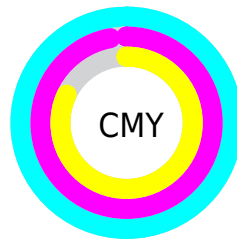
- Red (1%)
- Green (3%)
- Blue (18%)



- Red (1%)
- Yellow (2%)
- Blue (18%)



- Cyan (96%)
- Magenta (85%)
- Yellow (0%)
- Black (82%)



- Cyan (99%)
- Magenta (97%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02072E 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 02072E by changing the saturation by 10% instead.

■ 02072E

■ 02072E

■ E8E7FF

■ 000119

■ 30345C

■ 000000

■ 484B75

■ 61638F

■ 7A7BA9

■ 9595C5

■ B0B0E1

■ CBCBFD

■ 02072E

■ 02072E

■ 00052E

■ 070B2E

■ 0B0F2E

■ 10132E

■ 14172E

■ 191B2E

■ 1E1F2E

■ 22242E

■ 27282E

■ 2B2C2E

Harmonies

Analogous

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



001130



02072E



200023

Triad

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



02072E



250000



001403

Complementary

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



02072E



2E2902

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.



001400



02072E



160900

Square

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



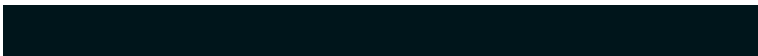
02072E



2C0000



001200



00151B

Rectangle

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



02072E



280019



001200



001400

Sweetspot

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



02072E



2A2C3B



022E29



14151F



9E9E9E



1F1F1F

Same Dimension

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



02072E



00073B



13022E



151517



000A57



0018D6

Inverse Universe

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



2E0207



3B0007



1D2E02



171515



57000A



D60018

Previews

White Background



This preview shows how the Hex color 02072E 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

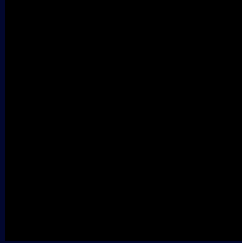
Any Text WCAG AA × Fail

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 02072E Background



This preview shows how black text looks on a background with the Hex color 02072E.



This preview shows how white text looks on a background with the Hex color 02072E.

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
02072E

Protanopia
000E1E

Deuteranopia
000F1A



Tritanopia
001111

Trichromacy



Original Color
02072E

Protanomaly
010B24

Deuteranomaly
010C21

Tritanomaly
010D1C

Monochromacy



Original Color
02072E

Achromatopsia
0A0A0A

Achromatomaly
070917

CSS Examples

Text

The CSS property to change the color of the text to Hex 02072E 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 #02072E looks like.

```
.text, #text, p{  
    color:#02072E  
}
```

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 #02072E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02072E
}
```

Border

The CSS property to change the border of an element to Hex 02072E is called "border". The border property can be set on classes, ids or directly on the HTML element.

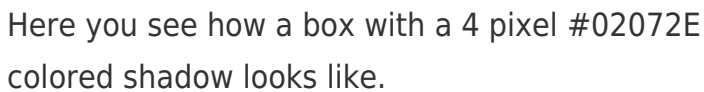
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#02072E }
```

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

```
.border{ border-color:#02072E }
```

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



Here you see how a box with a 4 pixel #02072E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02072E; -webkit-box-shadow:4px 4px  
4px 4px #02072E; box-shadow:4px 4px 4px  
4px #02072E }
```

Background

The CSS property to change the background color of an element to Hex 02072E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02072E }
```

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

```
.background{ background-color:#02072E }
```

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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