

Converting Colors

Hex(000F2A)

Have a look what the booklet for
Hex(000F2A) contains.

Hex(000F2A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(000F2A)

Conversions

Conversions Part 1

Format	Color
Hex	000F2A
RGB	0, 15, 42
RGB Percent	0%, 6%, 16%
CMY	1.0000, 0.9412, 0.8353
CMYK	1.00, 0.64, 0.00, 0.84
HSL	219°, 100%, 8%
HSV	219°, 100%, 16%
XYZ	0.5887, 0.5088, 2.2577
YIQ	13.5930, -17.6070, 5.2170

Conversions

Conversions Part 2

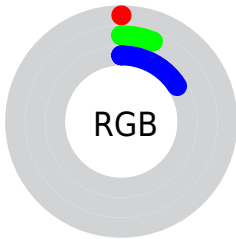
Format	Color
RYB	0, 11, 42
Decimal	3882
CIELab	4.60, 4.31, -19.43
CIELCh	5, 19.906, 282.494
Yxy	0.5088, 0.1755, 0.1516
Android (android.graphics.Color)	4278193962 (0xFF000F2A)
YUV	13.5930, 14.0047, -11.9211
Hunter-Lab	7.1331, 2.2498, -13.7724

Details

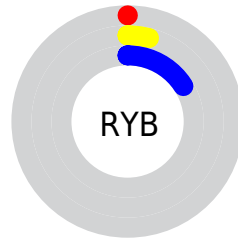
The Hex color **000F2A** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **2A1B00**, and the grayscale version is **0D0D0D**.

A 20% lighter version of the original color is **2E3A58**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **000F2A**, and if you desaturate by 10%, it is **04122A**.

Distribution



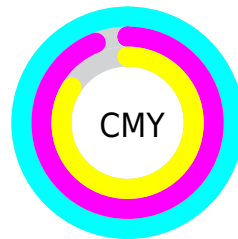
- Red (0%)
- Green (6%)
- Blue (16%)



- Red (0%)
- Yellow (4%)
- Blue (16%)



- Cyan (100%)
- Magenta (64%)
- Yellow (0%)
- Black (84%)



- Cyan (100%)
- Magenta (94%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 000F2A 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 000F2A by changing the saturation by 10% instead.

■ 000F2A

■ 000F2A

■ E5EEFF

■ 000115

■ 2E3A58

■ 000000

■ 465170

■ 5E698A

■ 7882A4

■ 929CBF

■ ADB7DB

■ C8D2F8

■ 000F2A

■ 04122A

■ 08142A

■ 0D172A

■ 111A2A

■ 151D2A

■ 191F2A

■ 1D222A

■ 22252A

■ 26272A

Harmonies

Analogous

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



001429



000F2A



190824

Triad

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



000F2A



260500



001801

Complementary

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



000F2A



2A1B00

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.



001600



000F2A



1D0B00

Square

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



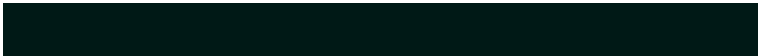
000F2A



290107



0E1200



001916

Rectangle

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



000F2A



22041D



0E1200



001800

Sweetspot

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



000F2A



252B36



002A1B



12161C



9C9C9C



1C1C1C

Same Dimension

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



000F2A



001336



06002A



121314



001E54



004CD4

Inverse Universe

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



2A000F



360013



242A00



141213



54001E



D4004C

Previews

White Background



This preview shows how the Hex color 000F2A looks on a white background.

Color Contrast Check

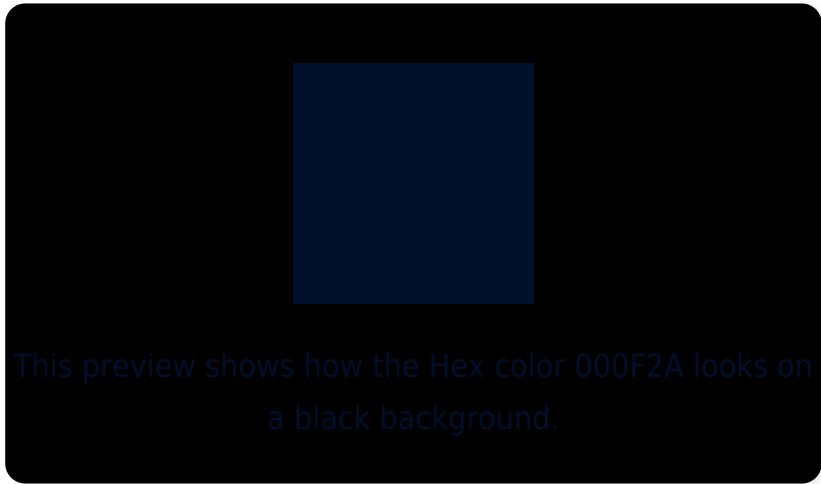
Large Text (above 18pt) WCAG AA ✓ Pass

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

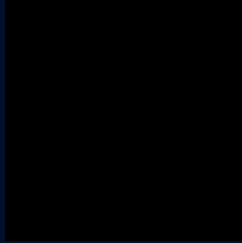
Any Text WCAG AA × Fail

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 000F2A Background



This preview shows how black text looks on a background with the Hex color 000F2A.



This preview shows how white text looks on a background with the Hex color 000F2A.

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
000F2A

Protanopia
001124

Deuteranopia
00121E



Tritanopia
001315

Trichromacy



Original Color

000F2A

Protanomaly

001026

Deuteranomaly

001122

Tritanomaly

00121D

Monochromacy



Original Color

000F2A

Achromatopsia

0E0E0E

Achromatomaly

090E18

CSS Examples

Text

The CSS property to change the color of the text to Hex 000F2A 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 #000F2A looks like.

```
.text, #text, p{  
    color:#000F2A  
}
```

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 #000F2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000F2A
}
```

Border

The CSS property to change the border of an element to Hex 000F2A 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
#000F2A }
```

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

```
.border{ border-color:#000F2A }
```

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

Here you see how a box with a 4 pixel #000F2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000F2A; -webkit-box-shadow:4px 4px  
4px 4px #000F2A; box-shadow:4px 4px 4px  
4px #000F2A }
```

Background

The CSS property to change the background color of an element to Hex 000F2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000F2A }
```

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

```
.background{ background-color:#000F2A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor