

Converting Colors

Hex(021F2F)

Have a look what the booklet for
Hex(021F2F) contains.

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Color

Hex(021F2F)

Conversions

Conversions Part 1

Format	Color
Hex	021F2F
RGB	2, 31, 47
RGB Percent	1%, 12%, 18%
CMY	0.9922, 0.8784, 0.8157
CMYK	0.96, 0.34, 0.00, 0.82
HSL	201°, 92%, 10%
HSV	201°, 96%, 18%
XYZ	1.0281, 1.1981, 2.8664
YIQ	24.1530, -22.4200, -1.1720

Conversions

Conversions Part 2

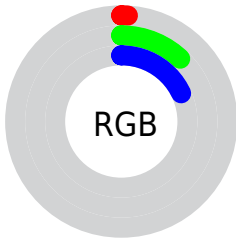
Format	Color
R_{YB}	2, 20, 47
Decimal	139055
CIE Lab	10.54, -3.83, -13.73
CIE LCh	11, 14.256, 254.404
Yxy	1.1981, 0.2019, 0.2353
Android (android.graphics.Color)	4278329135 (0xFF021F2F)
YUV	24.1530, 11.2636, -19.4282
Hunter-Lab	10.9458, -2.3892, -7.8642

Details

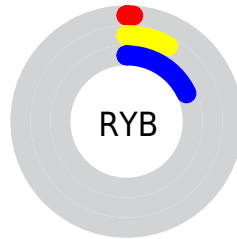
The Hex color **021F2F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2F1202**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **324B5D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **001E2F**, and if you desaturate by 10%, it is **07212F**.

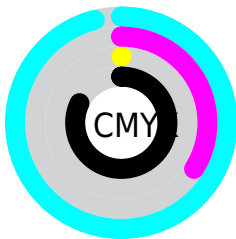
Distribution



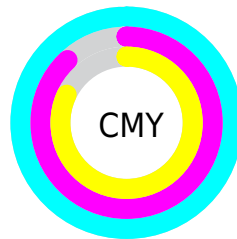
- Red (1%)
- Green (12%)
- Blue (18%)



- Red (1%)
- Yellow (8%)
- Blue (18%)



- Cyan (96%)
- Magenta (34%)
- Yellow (0%)
- Black (82%)



- Cyan (99%)
- Magenta (88%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 021F2F 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 021F2F by changing the saturation by 10% instead.

■ 021F2F

■ 021F2F

■ EAFFFF

■ 00051B

■ 324B5D

■ 000000

■ 4A6276

■ 637B8F

■ 7C95AA

■ 97B0C5

■ B2CBE1

■ CEE7FE

■ 021F2F

■ 021F2F

■ 001E2F

■ 07212F

■ 0B222F

■ 10242F

■ 15262F

■ 19272F

■ 1E292F

■ 232B2F

■ 282C2F

■ 2C2E2F

Harmonies

Analogous

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



00212A



021F2F



151C2F

Triad

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



021F2F



2F1518



14200D

Complementary

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



021F2F



2F1202

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.



1F1D04



021F2F



2D170E

Square

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



021F2F



2C1522



281A05



052117

Rectangle

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



021F2F



1F192D



281A05



181F09

Sweetspot

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



021F2F



2B373D



022F12



141B1F



9E9E9E



1F1F1F

Same Dimension

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



021F2F



00273D



02092F



151617



003857



008AD6

Inverse Universe

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



2F021F



3D0027



2F2802



171516



570038



D6008A

Previews

White Background



This preview shows how the Hex color 021F2F 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

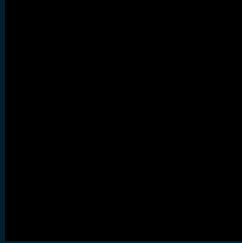
Any Text WCAG AA × Fail

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 021F2F Background



This preview shows how black text looks on a background with the Hex color 021F2F.



This preview shows how white text looks on a background with the Hex color 021F2F.

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
021F2F

Protanopia
181D2D

Deuteranopia
131D2F

Trichromacy



Original Color
021F2F

Protanomaly
101E2E

Deuteranomaly
0D1E2F

Tritanomaly
012027

Monochromacy



Original Color
021F2F

Achromatopsia
181818

Achromatomaly
101B20

CSS Examples

Text

The CSS property to change the color of the text to Hex 021F2F 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 #021F2F looks like.

```
.text, #text, p{  
    color:#021F2F  
}
```

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 #021F2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #021F2F
}
```

Border

The CSS property to change the border of an element to Hex 021F2F is called "border". The border property can be set on classes, ids or directly on the HTML element.

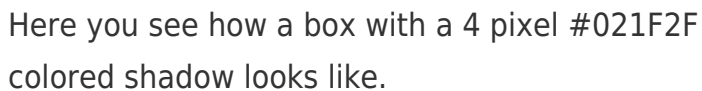
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#021F2F }
```

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

```
.border{ border-color:#021F2F }
```

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



Here you see how a box with a 4 pixel #021F2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #021F2F; -webkit-box-shadow:4px 4px  
4px 4px #021F2F; box-shadow:4px 4px 4px  
4px #021F2F }
```

Background

The CSS property to change the background color of an element to Hex 021F2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#021F2F }
```

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

```
.background{ background-color:#021F2F }
```

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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