

Converting Colors

Hex(023F2C)

Have a look what the booklet for
Hex(023F2C) contains.

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Color

Hex(023F2C)

Conversions

Conversions Part 1

Format	Color
Hex	023F2C
RGB	2, 63, 44
RGB Percent	1%, 25%, 17%
CMY	0.9922, 0.7529, 0.8275
CMYK	0.97, 0.00, 0.30, 0.75
HSL	161°, 94%, 13%
HSV	161°, 97%, 25%
XYZ	2.2572, 3.7498, 2.9877
YIQ	42.5950, -30.2570, -18.8410

Conversions

Conversions Part 2

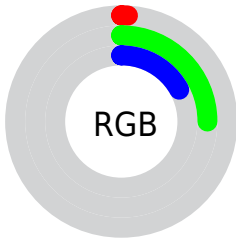
Format	Color
R_{YB}	2, 38, 63
Decimal	147244
CIE _{Lab}	22.83, -23.64, 6.62
CIE _{LCh}	23, 24.546, 164.358
Yxy	3.7498, 0.2509, 0.4169
Android (android.graphics.Color)	4278337324 (0xFF023F2C)
YUV	42.5950, 0.6927, -35.6018
Hunter-Lab	19.3643, -13.0811, 4.4073

Details

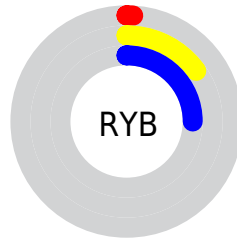
The Hex color **023F2C** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3F0215**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **396F5A**, and **001200** is the 20% darker color. If you saturate the color by 10%, you get **003F2B**, and if you desaturate by 10%, it is **083F2E**.

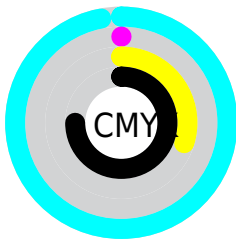
Distribution



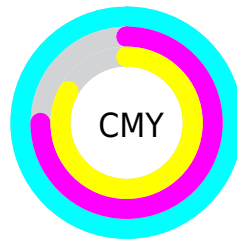
- Red (1%)
- Green (25%)
- Blue (17%)



- Red (1%)
- Yellow (15%)
- Blue (25%)



- Cyan (97%)
- Magenta (0%)
- Yellow (30%)
- Black (75%)



- Cyan (99%)
- Magenta (75%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 023F2C 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 023F2C by changing the saturation by 10% instead.

 023F2C

 023F2C

 F6FFFF

 002917

 396F5A

 001200

 528972

 000000

 6CA38C

 86BFA6

 A1DBC1

 BDF7DD

 D9FFF9

 023F2C

 023F2C

■ 003F2B

■ 083F2E

■ 0F3F30

■ 153F32

■ 1B3F34

■ 223F36

■ 283F38

■ 2E3F3A

■ 343F3C

■ 3B3F3E

Harmonies

Analogous

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



243D1B



023F2C



00403F

Triad

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



023F2C



27355A



552B1E

Complementary

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



023F2C



3F0215

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.



59272E



023F2C



432E51

Square

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



023F2C



003B59



532841



493212

Rectangle

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



023F2C



003F4B



532841



572923

Sweetspot

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



023F2C



3A524A



153F02



1B2924



A8A8A8



292929

Same Dimension

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



023F2C



005238



02343F



1C1F1E



005E41



00DE99

Inverse Universe

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



3F0215



520019



3F0D02



1F1C1C



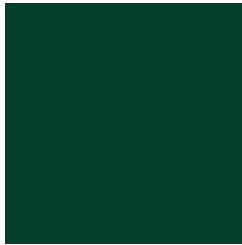
5E001D



DE0045

Previews

White Background



This preview shows how the Hex color 023F2C looks on a white background.

Color Contrast Check

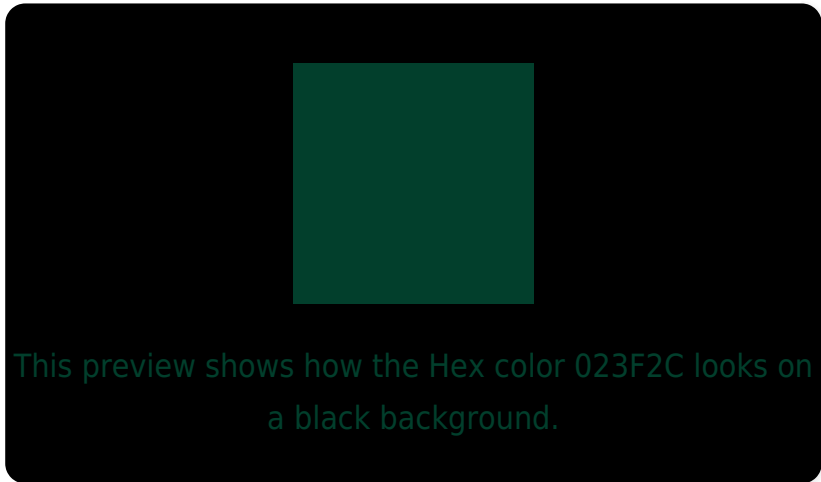
Large Text (above 18pt) WCAG AA ✓ Pass

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

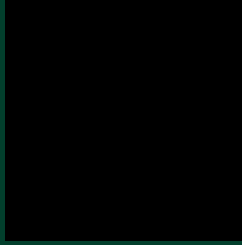
Any Text WCAG AA × Fail

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 023F2C Background



This preview shows how black text looks on a background with the Hex color 023F2C.



This preview shows how white text looks on a background with the Hex color 023F2C.

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
023F2C

Protanopia
3B3728

Deuteranopia
3F352E



Tritanopia
153C41

Trichromacy



Original Color
023F2C

Protanomaly
263A29

Deuteranomaly
29392D

Tritanomaly
0E3D39

Monochromacy



Original Color
023F2C

Achromatopsia
2B2B2B

Achromatomaly
1C322B

CSS Examples

Text

The CSS property to change the color of the text to Hex 023F2C 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 #023F2C looks like.

```
.text, #text, p{  
    color:#023F2C  
}
```

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 #023F2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #023F2C
}
```

Border

The CSS property to change the border of an element to Hex 023F2C 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
#023F2C }
```

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

```
.border{ border-color:#023F2C }
```

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

Here you see how a box with a 4 pixel #023F2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #023F2C; -webkit-box-shadow:4px 4px  
4px 4px #023F2C; box-shadow:4px 4px 4px  
4px #023F2C }
```

Background

The CSS property to change the background color of an element to Hex 023F2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#023F2C }
```

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

```
.background{ background-color:#023F2C }
```

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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