

Converting Colors

Hex(023F01)

Have a look what the booklet for
Hex(023F01) contains.

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Color

Hex(023F01)

Conversions

Conversions Part 1

Format	Color
Hex	023F01
RGB	2, 63, 1
RGB Percent	1%, 25%, 0%
CMY	0.9922, 0.7529, 0.9961
CMYK	0.97, 0.00, 0.98, 0.75
HSL	119°, 97%, 13%
HSV	119°, 98%, 25%
XYZ	1.8080, 3.5701, 0.6225
YIQ	37.6930, -16.4540, -32.2140

Conversions

Conversions Part 2

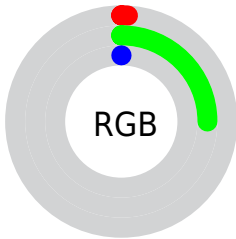
Format	Color
R_{YB}	1, 63, 62
Decimal	147201
CIE _{Lab}	22.20, -31.17, 29.36
CIE _{LCh}	22, 42.821, 136.704
Yxy	3.5701, 0.3013, 0.5950
Android (android.graphics.Color)	4278337281 (0xFF023F01)
YUV	37.6930, -18.0896, -31.3028
Hunter-Lab	18.8947, -15.9853, 11.2729

Details

The Hex color **023F01** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3E013F**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **3A7031**, and **000E00** is the 20% darker color. If you saturate the color by 10%, you get **013F00**, and if you desaturate by 10%, it is **083F07**.

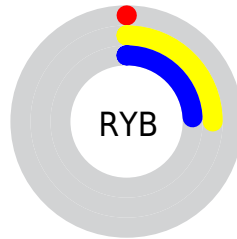
Distribution



Red (1%)

Green (25%)

Blue (0%)



Red (0%)

Yellow (25%)

Blue (24%)

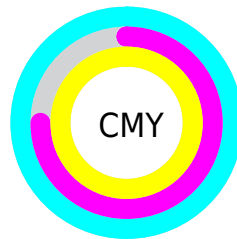


Cyan (97%)

Magenta (0%)

Yellow (98%)

Black (75%)



Cyan (99%)

Magenta (75%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 023F01 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 023F01 by changing the saturation by 10% instead.

 023F01

 023F01


 F8FFE7

 002900

 3A7031

 000E00

 548948

 000000

 6EA461

 88BF7A

 A3DB94

 BFF8AF

 DBFFCB

 023F01

 023F01

■ 013F00

■ 083F07

■ 0E3F0E

■ 153F14

■ 1B3F1A

■ 213F21

■ 273F27

■ 2D3F2D

■ 343F33

■ 3A3F3A

Harmonies

Analogous

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



323900



023F01



004225

Triad

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



023F01



003D74



6C0C25

Complementary

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



023F01



3E013F

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.



660F45



023F01



003373

Square

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



023F01



004263



4C2361



621F03

Rectangle

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



023F01



00433C



4C2361



6C092F

Sweetspot

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



023F01



3A5239



3F3E01



1A291A



A8A8A8



292929

Same Dimension

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



023F01



015200



013F1F



1C1F1C



025E00



04DE00

Inverse Universe

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



3E013F



500052



3F0121



1F1C1F



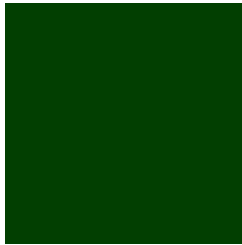
5D005E



DA00DE

Previews

White Background



This preview shows how the Hex color 023F01 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

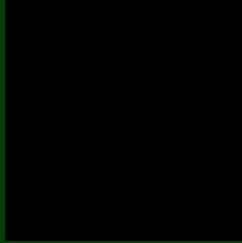
Any Text WCAG AA × Fail

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 023F01 Background



This preview shows how black text looks on a background with the Hex color 023F01.



This preview shows how white text looks on a background with the Hex color 023F01.

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
023F01

Protanopia
3D3600

Deuteranopia
44330E



Tritanopia
1A3B3F

Trichromacy



Original Color
023F01

Protanomaly
283900

Deuteranomaly
2C3709

Tritanomaly
113C28

Monochromacy



Original Color
023F01

Achromatopsia
262626

Achromatomaly
192F19

CSS Examples

Text

The CSS property to change the color of the text to Hex 023F01 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 #023F01 looks like.

```
.text, #text, p{  
    color:#023F01  
}
```

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 #023F01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #023F01
}
```

Border

The CSS property to change the border of an element to Hex 023F01 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
#023F01 }
```

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

```
.border{ border-color:#023F01 }
```

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

Here you see how a box with a 4 pixel #023F01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #023F01; -webkit-box-shadow:4px 4px  
4px 4px #023F01; box-shadow:4px 4px 4px  
4px #023F01 }
```

Background

The CSS property to change the background color of an element to Hex 023F01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#023F01 }
```

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

```
.background{ background-color:#023F01 }
```

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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