

Converting Colors

Hex(022033)

Have a look what the booklet for
Hex(022033) contains.

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Color

Hex(022033)

Conversions

Conversions Part 1

Format	Color
Hex	022033
RGB	2, 32, 51
RGB Percent	1%, 13%, 20%
CMY	0.9922, 0.8745, 0.8000
CMYK	0.96, 0.37, 0.00, 0.80
HSL	203°, 92%, 10%
HSV	203°, 96%, 20%
XYZ	1.1391, 1.2849, 3.3200
YIQ	25.1960, -23.9790, -0.4510

Conversions

Conversions Part 2

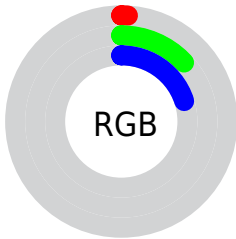
Format	Color
R_{YB}	2, 21, 51
Decimal	139315
CIE _{Lab}	11.17, -2.69, -15.64
CIE _{LCh}	11, 15.867, 260.242
Yxy	1.2849, 0.1983, 0.2237
Android (android.graphics.Color)	4278329395 (0xFF022033)
YUV	25.1960, 12.7214, -20.3429
Hunter-Lab	11.3355, -1.9001, -9.4299

Details

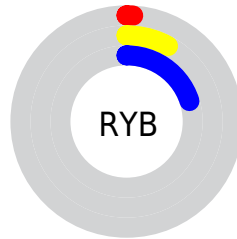
The Hex color **022033** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **331502**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **344C62**, and **000001** is the 20% darker color. If you saturate the color by 10%, you get **001F33**, and if you desaturate by 10%, it is **072233**.

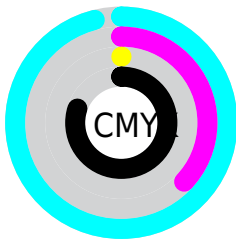
Distribution



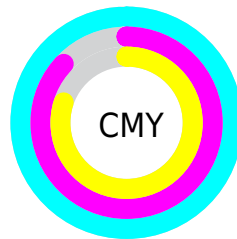
- Red (1%)
- Green (13%)
- Blue (20%)



- Red (1%)
- Yellow (8%)
- Blue (20%)



- Cyan (96%)
- Magenta (37%)
- Yellow (0%)
- Black (80%)



- Cyan (99%)
- Magenta (87%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 022033 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 022033 by changing the saturation by 10% instead.

022033

022033

ECFFFF

00081E

344C62

000001

4C647A

000000

657C94

7E96AF

99B1CA

B4CCE6

D0E9FF

022033

022033

■ 001F33

■ 072233

■ 0C2433

■ 112633

■ 162833

■ 1C2A33

■ 212C33

■ 262E33

■ 2B3033

■ 303233

Harmonies

Analogous

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



00222E



022033



191C32

Triad

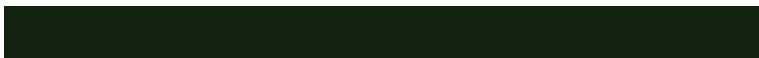
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



022033



321517



11220F

Complementary

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



022033



331502

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.



1E1F04



022033



2F180B

Square

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



022033



301522



281C03



00231A

Rectangle

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



022033



241A2E



281C03



16210A

Sweetspot

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



022033



2F3B42



023315



161D21



A1A1A1



212121

Same Dimension

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



022033



002942



020833



17191A



003759



0085D9

Inverse Universe

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



330220



420029



332D02



1A1719



590037



D90085

Previews

White Background



This preview shows how the Hex color 022033 looks on a white background.

Color Contrast Check

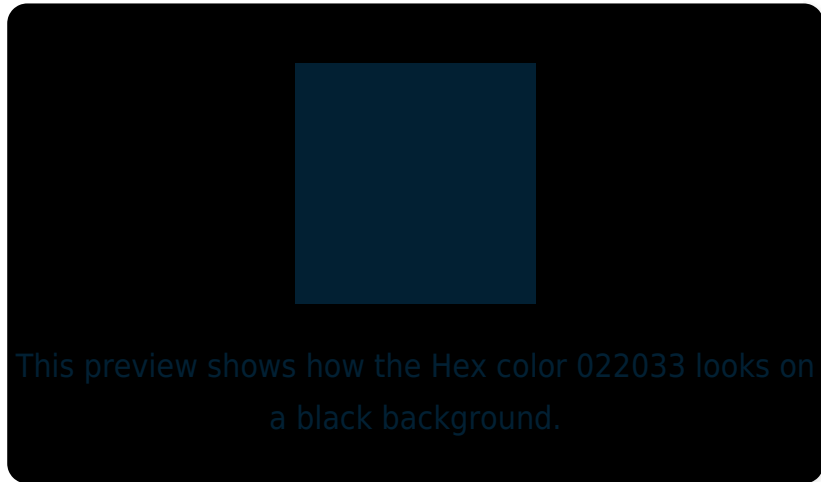
Large Text (above 18pt) WCAG AA ✓ Pass

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

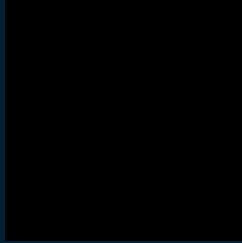
Any Text WCAG AA × Fail

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 022033 Background



This preview shows how black text looks on a background with the Hex color 022033.



This preview shows how white text looks on a background with the Hex color 022033.

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
022033

Protanopia
171E31

Deuteranopia
111F33

Trichromacy



Original Color
022033

Protanomaly
0F1F32

Deuteranomaly
0C1F33

Tritanomaly
012129

Monochromacy



Original Color
022033

Achromatopsia
191919

Achromatomaly
111C22

CSS Examples

Text

The CSS property to change the color of the text to Hex 022033 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 #022033 looks like.

```
.text, #text, p{  
    color:#022033  
}
```

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 #022033 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #022033
}
```

Border

The CSS property to change the border of an element to Hex 022033 is called "border". The border property can be set on classes, ids or directly on the HTML element.

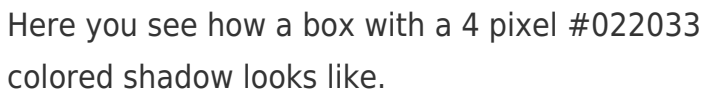
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#022033 }
```

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

```
.border{ border-color:#022033 }
```

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



Here you see how a box with a 4 pixel #022033 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #022033; -webkit-box-shadow:4px 4px  
4px 4px #022033; box-shadow:4px 4px 4px  
4px #022033 }
```

Background

The CSS property to change the background color of an element to Hex 022033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#022033 }
```

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

```
.background{ background-color:#022033 }
```

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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