

Converting Colors

Hex(022D18)

Have a look what the booklet for
Hex(022D18) contains.

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Color

Hex(022D18)

Conversions

Conversions Part 1

Format	Color
Hex	022D18
RGB	2, 45, 24
RGB Percent	1%, 18%, 9%
CMY	0.9922, 0.8235, 0.9059
CMYK	0.96, 0.00, 0.47, 0.82
HSL	151°, 91%, 9%
HSV	151°, 96%, 18%
XYZ	1.1283, 1.9556, 1.1822
YIQ	29.7490, -18.8870, -15.6470

Conversions

Conversions Part 2

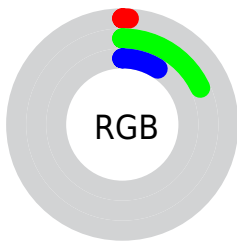
Format	Color
R_{YB}	2, 30, 45
Decimal	142616
CIE _{Lab}	15.25, -20.65, 9.60
CIE _{LCh}	15, 22.772, 155.072
Yxy	1.9556, 0.2645, 0.4584
Android (android.graphics.Color)	4278332696 (0xFF022D18)
YUV	29.7490, -2.8343, -24.3359
Hunter-Lab	13.9844, -10.0709, 4.7770

Details

The Hex color **022D18** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2D0217**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **325B43**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002D17**, and if you desaturate by 10%, it is **062D1A**.

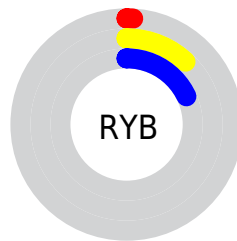
Distribution



Red (1%)

Green (18%)

Blue (9%)



Red (1%)

Yellow (12%)

Blue (18%)

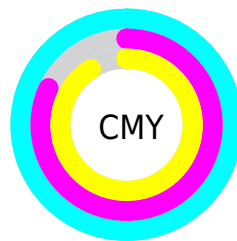


Cyan (96%)

Magenta (0%)

Yellow (47%)

Black (82%)



Cyan (99%)

Magenta (82%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 022D18 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 022D18 by changing the saturation by 10% instead.

 022D18

 022D18

 EAFFFB

 001A00

 325B43

 000000

 4A745A

 638E73

 7CA88D

 97C4A7

 B2E0C2

 CEF CDE

 022D18

 022D18

■ 002D17

■ 062D1A

■ 0B2D1C

■ 102D1F

■ 142D21

■ 192D23

■ 1D2D25

■ 222D27

■ 262D2A

■ 2B2D2C

Harmonies

Analogous

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



1C2A08



022D18



002E29

Triad

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



022D18



082746



421A15

Complementary

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



022D18



2D0217

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.



431724



022D18



2A2141

Square

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



022D18



002B43



3C1A34



3A2005

Rectangle

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



022D18



002E33



3C1A34



43191A

Sweetspot

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



022D18



2A3B32



172D02



141F19



9E9E9E



1F1F1F

Same Dimension

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



022D18



003B1E



022D2D



151716



00572C



00D66E

Inverse Universe

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



2D0217



3B001D



2D0202



171516



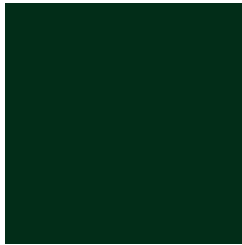
57002A



D60069

Previews

White Background



This preview shows how the Hex color 022D18 looks on a white background.

Color Contrast Check

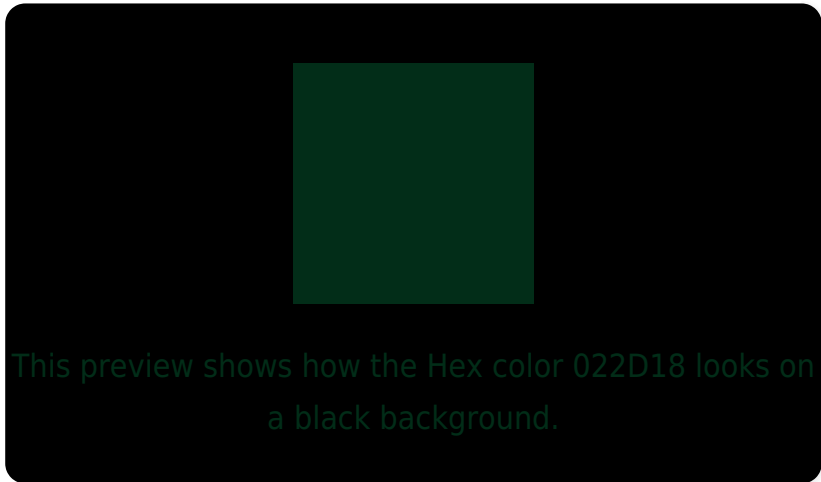
Large Text (above 18pt) WCAG AA ✓ Pass

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

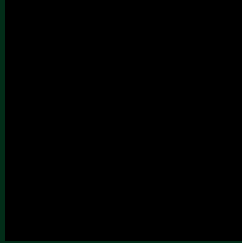
Any Text WCAG AA × Fail

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 022D18 Background



This preview shows how black text looks on a background with the Hex color 022D18.



This preview shows how white text looks on a background with the Hex color 022D18.

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
022D18

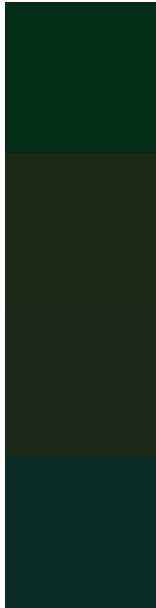
Protanopia
2B2716

Deuteranopia
2F251A



Tritanopia
112B2E

Trichromacy



Original Color
022D18

Protanomaly
1C2917

Deuteranomaly
1F2819

Tritanomaly
0C2C26

Monochromacy



Original Color
022D18

Achromatopsia
1E1E1E

Achromatomaly
14231C

CSS Examples

Text

The CSS property to change the color of the text to Hex 022D18 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 #022D18 looks like.

```
.text, #text, p{  
    color:#022D18  
}
```

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 #022D18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #022D18
}
```

Border

The CSS property to change the border of an element to Hex 022D18 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
#022D18 }
```

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

```
.border{ border-color:#022D18 }
```

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

Here you see how a box with a 4 pixel #022D18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #022D18; -webkit-box-shadow:4px 4px  
4px 4px #022D18; box-shadow:4px 4px 4px  
4px #022D18 }
```

Background

The CSS property to change the background color of an element to Hex 022D18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#022D18 }
```

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

```
.background{ background-color:#022D18 }
```

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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