

Converting Colors

Hex(002318)

Have a look what the booklet for
Hex(002318) contains.

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Color

Hex(002318)

Conversions

Conversions Part 1

Format	Color
Hex	002318
RGB	0, 35, 24
RGB Percent	0%, 14%, 9%
CMY	1.0000, 0.8627, 0.9059
CMYK	1.00, 0.00, 0.31, 0.86
HSL	161°, 100%, 7%
HSV	161°, 100%, 14%
XYZ	0.7659, 1.2680, 1.0685
YIQ	23.2810, -17.3290, -10.8410

Conversions

Conversions Part 2

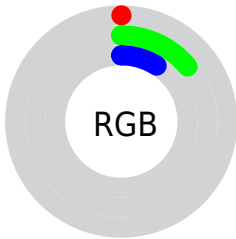
Format	Color
RYB	0, 21, 35
Decimal	8984
CIELab	11.05, -16.25, 3.82
CIELCh	11, 16.697, 166.780
Yxy	1.2680, 0.2469, 0.4087
Android (android.graphics.Color)	4278199064 (0xFF002318)
YUV	23.2810, 0.3545, -20.4174
Hunter-Lab	11.2606, -7.5652, 2.2563

Details

The Hex color **002318** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **23000B**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **2D5043**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002318**, and if you desaturate by 10%, it is **032319**.

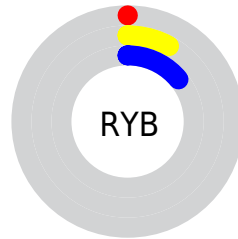
Distribution



Red (0%)

Green (14%)

Blue (9%)



Red (0%)

Yellow (8%)

Blue (14%)

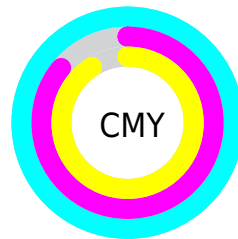


Cyan (100%)

Magenta (0%)

Yellow (31%)

Black (86%)



Cyan (100%)

Magenta (86%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002318 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 002318 by changing the saturation by 10% instead.

 002318

 002318

 E2FFFA

 000700

 2D5043

 000000

 44685A

 5D8173

 769B8C

 90B6A6

 ABD2C2

 C6EEDD

 002318

■ 032319

■ 07231A

■ 0B231B

■ 0E231C

■ 12231D

■ 15231F

■ 192320

■ 1C2321

■ 202322

Harmonies

Analogous

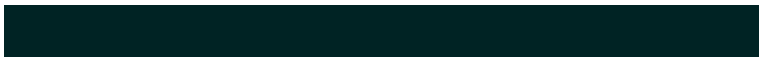
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



12220C



002318



002324

Triad

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



002318



161D33



30170B

Complementary

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



002318



23000B

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.



331418



002318



26182D

Square

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



002318



002034



301423



291B01

Rectangle

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



002318



00232B



301423



321610

Sweetspot

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



002318



202E2A



0B2300



0F1714



969696



171717

Same Dimension

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



002318



002E1F



001D23



101211



005238



00D18F

Inverse Universe

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



23000B



2E000E



230600



121011



52001A



D10042

Previews

White Background



This preview shows how the Hex color 002318 looks on a white background.

Color Contrast Check

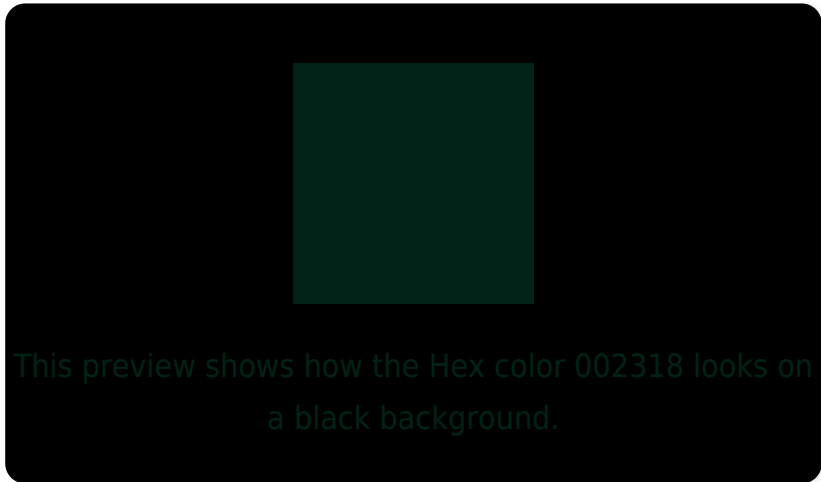
Large Text (above 18pt) WCAG AA ✓ Pass

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

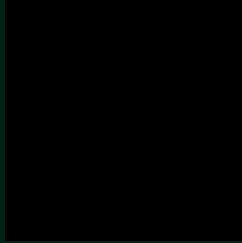
Any Text WCAG AA × Fail

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 002318 Background



This preview shows how black text looks on a background with the Hex color 002318.



This preview shows how white text looks on a background with the Hex color 002318.

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

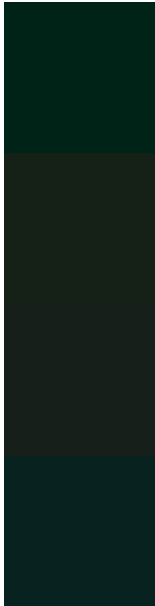


Original Color
002318

Protanopia
211E16

Deuteranopia
231D19

Trichromacy



Original Color
002318

Protanomaly
152017

Deuteranomaly
161F19

Tritanomaly
082220

Monochromacy



Original Color
002318

Achromatopsia
171717

Achromatomaly
0F1B17

CSS Examples

Text

The CSS property to change the color of the text to Hex 002318 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 #002318 looks like.

```
.text, #text, p{  
    color:#002318  
}
```

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 #002318 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002318
}
```

Border

The CSS property to change the border of an element to Hex 002318 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
#002318 }
```

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

```
.border{ border-color:#002318 }
```

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

Here you see how a box with a 4 pixel #002318 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002318; -webkit-box-shadow:4px 4px  
4px 4px #002318; box-shadow:4px 4px 4px  
4px #002318 }
```

Background

The CSS property to change the background color of an element to Hex 002318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002318 }
```

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

```
.background{ background-color:#002318 }
```

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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