

Converting Colors

Hex(002218)

Have a look what the booklet for
Hex(002218) contains.

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Color

Hex(002218)

Conversions

Conversions Part 1

Format	Color
Hex	002218
RGB	0, 34, 24
RGB Percent	0%, 13%, 9%
CMY	1.0000, 0.8667, 0.9059
CMYK	1.00, 0.00, 0.29, 0.87
HSL	162°, 100%, 7%
HSV	162°, 100%, 13%
XYZ	0.7369, 1.2100, 1.0589
YIQ	22.6940, -17.0540, -10.3180

Conversions

Conversions Part 2

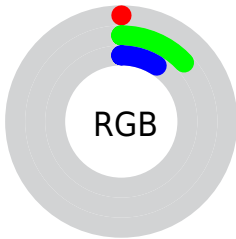
Format	Color
RYB	0, 20, 34
Decimal	8728
CIELab	10.63, -15.64, 3.23
CIELCh	11, 15.966, 168.344
Yxy	1.2100, 0.2452, 0.4026
Android (android.graphics.Color)	4278198808 (0xFF002218)
YUV	22.6940, 0.6439, -19.9026
Hunter-Lab	11.0000, -7.2922, 1.9927

Details

The Hex color **002218** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **22000A**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **2D4F43**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002218**, and if you desaturate by 10%, it is **032219**.

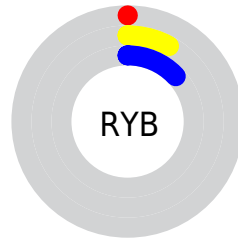
Distribution



Red (0%)

Green (13%)

Blue (9%)



Red (0%)

Yellow (8%)

Blue (13%)

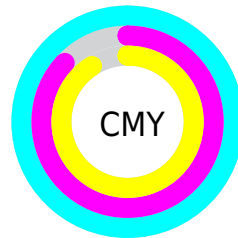


Cyan (100%)

Magenta (0%)

Yellow (29%)

Black (87%)



Cyan (100%)

Magenta (87%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002218 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 002218 by changing the saturation by 10% instead.

 002218

 002218

 E2FFFA

 000400

 2D4F43

 000000

 44675A

 5C8073

 759A8C

 8FB5A6

 AAD1C2

 C6EDDD

 002218

■ 032219

■ 07221A

■ 0A221B

■ 0E221C

■ 11221D

■ 14221E

■ 18221F

■ 1B2220

■ 1F2221

Harmonies

Analogous

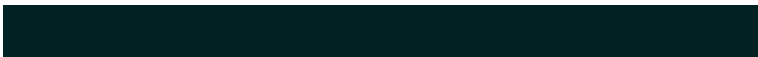
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



11210C



002218



002223

Triad

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



002218



171C31



2E170A

Complementary

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



002218



22000A

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.



311416



002218



26172B

Square

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



002218



001F32



2F1421



281B01

Rectangle

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



002218



00222A



2F1421



30150F

Sweetspot

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



002218



1E2B28



0A2200



0F1715



969696



171717

Same Dimension

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



002218



002B1F



001B22



101211



00523A



00D194

Inverse Universe

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



22000A



2B000D



220700



121011



520018



D1003D

Previews

White Background



This preview shows how the Hex color 002218 looks on a white background.

Color Contrast Check

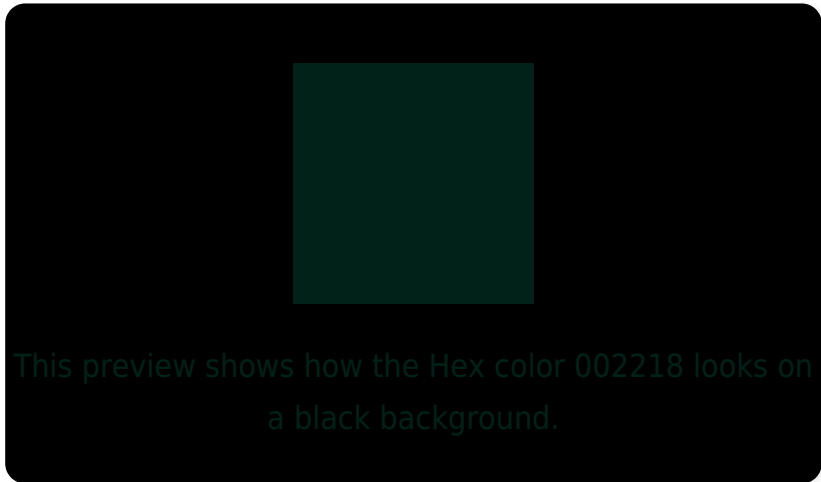
Large Text (above 18pt) WCAG AA ✓ Pass

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

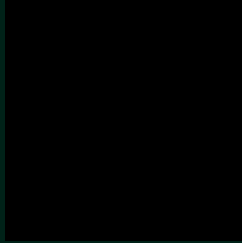
Any Text WCAG AA × Fail

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 002218 Background



This preview shows how black text looks on a background with the Hex color 002218.



This preview shows how white text looks on a background with the Hex color 002218.

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
002218

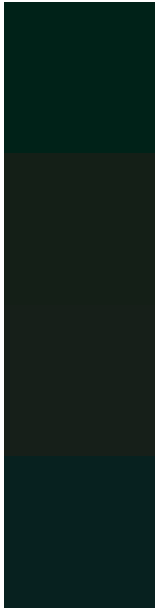
Protanopia
201E16

Deuteranopia
221D19



Tritanopia
0B2123

Trichromacy



Original Color
002218

Protanomaly
141F17

Deuteranomaly
161F19

Tritanomaly
07211F

Monochromacy



Original Color
002218

Achromatopsia
171717

Achromatomaly
0F1B17

CSS Examples

Text

The CSS property to change the color of the text to Hex 002218 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 #002218 looks like.

```
.text, #text, p{  
    color:#002218  
}
```

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 #002218 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002218
}
```

Border

The CSS property to change the border of an element to Hex 002218 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
#002218 }
```

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

```
.border{ border-color:#002218 }
```

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

Here you see how a box with a 4 pixel #002218 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002218; -webkit-box-shadow:4px 4px  
4px 4px #002218; box-shadow:4px 4px 4px  
4px #002218 }
```

Background

The CSS property to change the background color of an element to Hex 002218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002218 }
```

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

```
.background{ background-color:#002218 }
```

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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