

Converting Colors

Hex(002920)

Have a look what the booklet for
Hex(002920) contains.

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Color

Hex(002920)

Conversions

Conversions Part 1

Format	Color
Hex	002920
RGB	0, 41, 32
RGB Percent	0%, 16%, 13%
CMY	1.0000, 0.8392, 0.8745
CMYK	1.00, 0.00, 0.22, 0.84
HSL	167°, 100%, 8%
HSV	167°, 100%, 16%
XYZ	1.0536, 1.6902, 1.6372
YIQ	27.7150, -21.5470, -11.4910

Conversions

Conversions Part 2

Format	Color
RYB	0, 23, 41
Decimal	10528
CIELab	13.77, -16.83, 1.96
CIELCh	14, 16.943, 173.350
Yxy	1.6902, 0.2405, 0.3858
Android (android.graphics.Color)	4278200608 (0xFF002920)
YUV	27.7150, 2.1125, -24.3061
Hunter-Lab	13.0006, -8.2844, 1.6339

Details

The Hex color **002920** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **290009**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **2F574C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002920**, and if you desaturate by 10%, it is **042921**.

Distribution



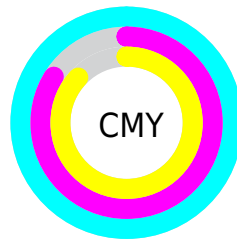
- Red (0%)
- Green (16%)
- Blue (13%)



- Red (0%)
- Yellow (9%)
- Blue (16%)



- Cyan (100%)
- Magenta (0%)
- Yellow (22%)
- Black (84%)



- Cyan (100%)
- Magenta (84%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002920 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 002920 by changing the saturation by 10% instead.

 002920

 002920

 E7FFFF

 001608

 2F574C

 000000

 476F64

 60897D

 79A396

 94BEB1

 AFDACD

 CAF7E9

 002920

■ 042921

■ 082922

■ 0C2923

■ 102924

■ 142924

■ 192925

■ 1D2926

■ 212927

■ 252928

Harmonies

Analogous

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



132815



002920



00292C

Triad

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



002920



202139



351D10

Complementary

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



002920



290009

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.



391A1A



002920



2F1D31

Square

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



002920



07253A



381A26



2D2209

Rectangle

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



002920



002833



381A26



371C13

Sweetspot

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



002920



253632



0A2900



121C1A



9C9C9C



1C1C1C

Same Dimension

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



002920



00362A



001E29



121414



005442



00D4A5

Inverse Universe

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



290009



36000C



290B00



141213



540012



D4002E

Previews

White Background



This preview shows how the Hex color 002920 looks on a white background.

Color Contrast Check

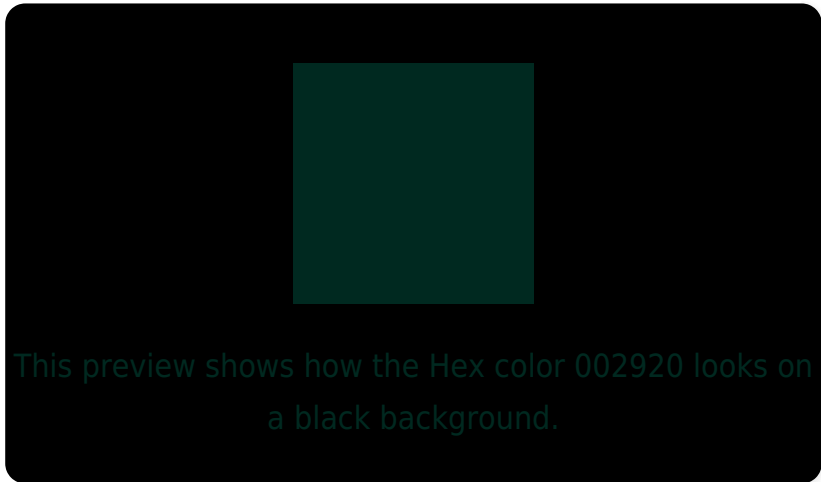
Large Text (above 18pt) WCAG AA ✓ Pass

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

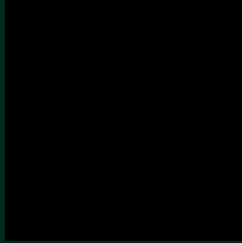
Any Text WCAG AA × Fail

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 002920 Background



This preview shows how black text looks on a background with the Hex color 002920.



This preview shows how white text looks on a background with the Hex color 002920.

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
002920

Protanopia
26241D

Deuteranopia
282321



Tritanopia
0D282B

Trichromacy



Original Color

002920

Protanomaly

18261E

Deuteranomaly

192521

Tritanomaly

082827

Monochromacy



Original Color

002920

Achromatopsia

1C1C1C

Achromatomaly

12211D

CSS Examples

Text

The CSS property to change the color of the text to Hex 002920 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 #002920 looks like.

```
.text, #text, p{  
    color:#002920  
}
```

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 #002920 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002920
}
```

Border

The CSS property to change the border of an element to Hex 002920 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
#002920 }
```

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

```
.border{ border-color:#002920 }
```

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

Here you see how a box with a 4 pixel #002920 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002920; -webkit-box-shadow:4px 4px  
4px 4px #002920; box-shadow:4px 4px 4px  
4px #002920 }
```

Background

The CSS property to change the background color of an element to Hex 002920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002920 }
```

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

```
.background{ background-color:#002920 }
```

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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