

Converting Colors

Hex(002914)

Have a look what the booklet for
Hex(002914) contains.

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Color

Hex(002914)

Conversions

Conversions Part 1

Format	Color
Hex	002914
RGB	0, 41, 20
RGB Percent	0%, 16%, 8%
CMY	1.0000, 0.8392, 0.9216
CMYK	1.00, 0.00, 0.51, 0.84
HSL	149°, 100%, 8%
HSV	149°, 100%, 16%
XYZ	0.9192, 1.6364, 0.9292
YIQ	26.3470, -17.6950, -15.2230

Conversions

Conversions Part 2

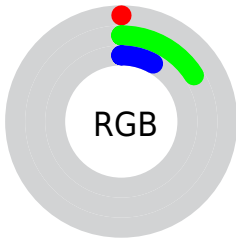
Format	Color
RYB	0, 28, 41
Decimal	10516
CIELab	13.45, -20.41, 9.90
CIELCh	13, 22.686, 154.130
Yxy	1.6364, 0.2638, 0.4696
Android (android.graphics.Color)	4278200596 (0xFF002914)
YUV	26.3470, -3.1291, -23.1063
Hunter-Lab	12.7921, -9.5597, 4.6476

Details

The Hex color **002914** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **290015**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **2F573E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002914**, and if you desaturate by 10%, it is **042916**.

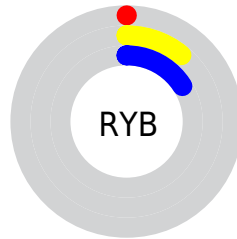
Distribution



Red (0%)

Green (16%)

Blue (8%)



Red (0%)

Yellow (11%)

Blue (16%)

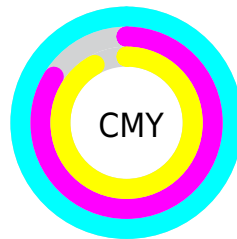


Cyan (100%)

Magenta (0%)

Yellow (51%)

Black (84%)



Cyan (100%)

Magenta (84%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002914 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 002914 by changing the saturation by 10% instead.

 002914

 002914

 E6FFF5

 001400

 2F573E

 000000

 476F56

 5F896E

 79A387

 93BFA2

 AEDABD

 C9F7D8

 002914

■ 042916

■ 082918

■ 0C291A

■ 10291C

■ 14291F

■ 192921

■ 1D2923

■ 212925

■ 252927

Harmonies

Analogous

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



192702



002914



002A24

Triad

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



002914



012442



3E1611

Complementary

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



002914



290015

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.



3F1321



002914



261D3D

Square

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



002914



00283F



371731



361C00

Rectangle

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



002914



002A2F



371731



3F1517

Sweetspot

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



002914



25362D



152900



121C17



9C9C9C



1C1C1C

Same Dimension

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



002914



00361A



002928



121413



005429



00D467

Inverse Universe

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



290015



36001B



290001



141213



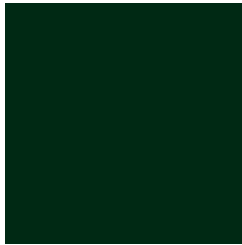
54002B



D4006C

Previews

White Background



This preview shows how the Hex color 002914 looks on a white background.

Color Contrast Check

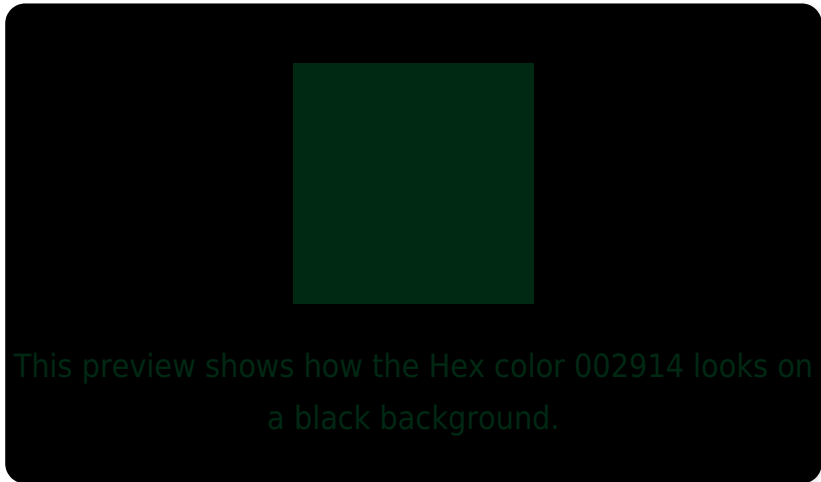
Large Text (above 18pt) WCAG AA ✓ Pass

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

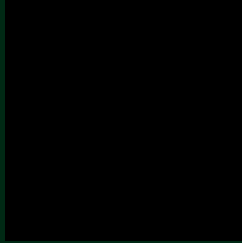
Any Text WCAG AA × Fail

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 002914 Background



This preview shows how black text looks on a background with the Hex color 002914.



This preview shows how white text looks on a background with the Hex color 002914.

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
002914

Protanopia
272312

Deuteranopia
2B2216



Tritanopia
10272A

Trichromacy



Original Color
002914

Protanomaly
192513

Deuteranomaly
1B2515

Tritanomaly
0A2822

Monochromacy



Original Color
002914

Achromatopsia
1A1A1A

Achromatomaly
111F18

CSS Examples

Text

The CSS property to change the color of the text to Hex 002914 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 #002914 looks like.

```
.text, #text, p{  
    color:#002914  
}
```

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 #002914 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002914
}
```

Border

The CSS property to change the border of an element to Hex 002914 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
#002914 }
```

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

```
.border{ border-color:#002914 }
```

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

Here you see how a box with a 4 pixel #002914 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002914; -webkit-box-shadow:4px 4px  
4px 4px #002914; box-shadow:4px 4px 4px  
4px #002914 }
```

Background

The CSS property to change the background color of an element to Hex 002914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002914 }
```

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

```
.background{ background-color:#002914 }
```

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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