

Converting Colors

Hex(002414)

Have a look what the booklet for
Hex(002414) contains.

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Color

Hex(002414)

Conversions

Conversions Part 1

Format	Color
Hex	002414
RGB	0, 36, 20
RGB Percent	0%, 14%, 8%
CMY	1.0000, 0.8588, 0.9216
CMYK	1.00, 0.00, 0.44, 0.86
HSL	153°, 100%, 7%
HSV	153°, 100%, 14%
XYZ	0.7571, 1.3123, 0.8752
YIQ	23.4120, -16.3200, -12.6080

Conversions

Conversions Part 2

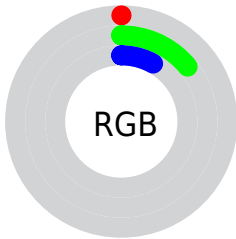
Format	Color
RYB	0, 23, 36
Decimal	9236
CIELab	11.36, -17.95, 7.07
CIELCh	11, 19.296, 158.508
Yxy	1.3123, 0.2571, 0.4456
Android (android.graphics.Color)	4278199316 (0xFF002414)
YUV	23.4120, -1.6821, -20.5323
Hunter-Lab	11.4554, -8.2490, 3.4889

Details

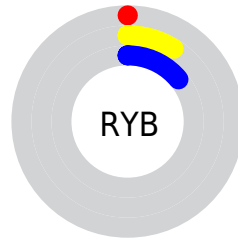
The Hex color **002414** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **240010**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **2D513E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002414**, and if you desaturate by 10%, it is **042416**.

Distribution



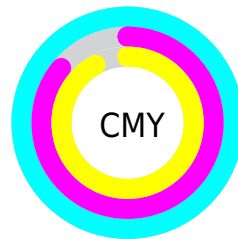
- Red (0%)
- Green (14%)
- Blue (8%)



- Red (0%)
- Yellow (9%)
- Blue (14%)



- Cyan (100%)
- Magenta (0%)
- Yellow (44%)
- Black (86%)



- Cyan (100%)
- Magenta (86%)
- Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002414 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 002414 by changing the saturation by 10% instead.

 002414

 002414

 E3FFF5

 000900

 2D513E

 000000

 446955

 5D836E

 769D87

 90B8A1

 ABD4BC

 C6F0D8

 002414

■ 042416

■ 072417

■ 0B2419

■ 0E241A

■ 12241C

■ 16241E

■ 19241F

■ 1D2421

■ 202422

Harmonies

Analogous

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



152204



002414



002522

Triad

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



002414



0C1E38



35150D

Complementary

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



002414



240010

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.



36121B



002414



241933

Square

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



002414



002237



311428



2E1A00

Rectangle

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



002414



00242A



311428



361412

Sweetspot

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



002414



202E28



102400



0F1713



969696



171717

Same Dimension

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



002414



002E19



002224



101211



00522D



00D174

Inverse Universe

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



240010



2E0014



240200



121011



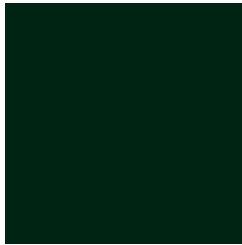
520024



D1005D

Previews

White Background



This preview shows how the Hex color 002414 looks on a white background.

Color Contrast Check

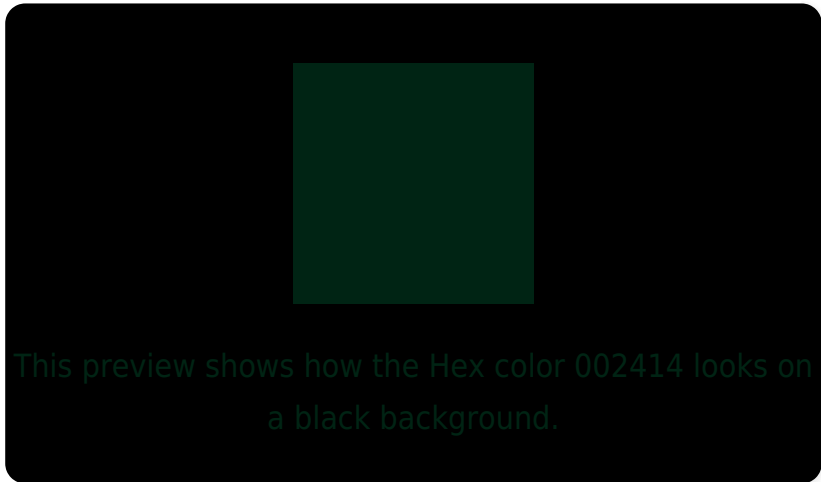
Large Text (above 18pt) WCAG AA ✓ Pass

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

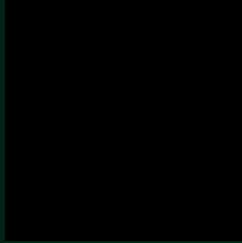
Any Text WCAG AA × Fail

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 002414 Background



This preview shows how black text looks on a background with the Hex color 002414.



This preview shows how white text looks on a background with the Hex color 002414.

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
002414

Protanopia
221F12

Deuteranopia
251E15



Tritanopia
0D2225

Trichromacy



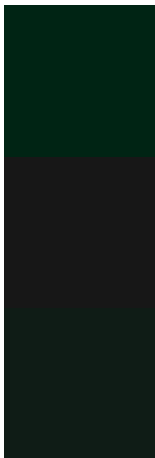
Original Color
002414

Protanomaly
162113

Deuteranomaly
182015

Tritanomaly
08231F

Monochromacy



Original Color
002414

Achromatopsia
171717

Achromatomaly
0F1C16

CSS Examples

Text

The CSS property to change the color of the text to Hex 002414 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 #002414 looks like.

```
.text, #text, p{  
    color:#002414  
}
```

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 #002414 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002414
}
```

Border

The CSS property to change the border of an element to Hex 002414 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
#002414 }
```

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

```
.border{ border-color:#002414 }
```

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

Here you see how a box with a 4 pixel #002414 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002414; -webkit-box-shadow:4px 4px  
4px 4px #002414; box-shadow:4px 4px 4px  
4px #002414 }
```

Background

The CSS property to change the background color of an element to Hex 002414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002414 }
```

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

```
.background{ background-color:#002414 }
```

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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