

Converting Colors

Hex(002A24)

Have a look what the booklet for
Hex(002A24) contains.

Hex(002A24)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(002A24)

Conversions

Conversions Part 1

Format	Color
Hex	002A24
RGB	0, 42, 36
RGB Percent	0%, 16%, 14%
CMY	1.0000, 0.8353, 0.8588
CMYK	1.00, 0.00, 0.14, 0.84
HSL	171°, 100%, 8%
HSV	171°, 100%, 16%
XYZ	1.1464, 1.7833, 1.9529
YIQ	28.7580, -23.1060, -10.7700

Conversions

Conversions Part 2

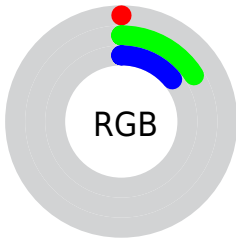
Format	Color
RYB	0, 23, 42
Decimal	10788
CIELab	14.31, -15.96, -0.10
CIELCh	14, 15.965, 180.358
Yxy	1.7833, 0.2348, 0.3652
Android (android.graphics.Color)	4278200868 (0xFF002A24)
YUV	28.7580, 3.5703, -25.2208
Hunter-Lab	13.3540, -8.0459, 0.6774

Details

The Hex color **002A24** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2A0006**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **305850**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002A24**, and if you desaturate by 10%, it is **042A25**.

Distribution



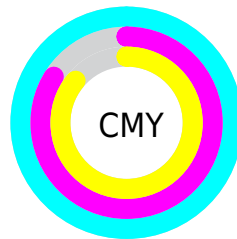
- Red (0%)
- Green (16%)
- Blue (14%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (14%)
- Black (84%)



- Cyan (100%)
- Magenta (84%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002A24 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 002A24 by changing the saturation by 10% instead.

 002A24

 002A24

 E8FFFF

 00170F

 305850

 000000

 487068

 618A82

 7BA49C

 95BFB6

 B0DBD2

 CCF8EE

 002A24

■ 042A25

■ 082A25

■ 0D2A26

■ 112A26

■ 152A27

■ 192A28

■ 1D2A28

■ 222A29

■ 262A29

Harmonies

Analogous

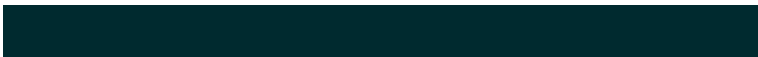
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



122919



002A24



002A2F

Triad

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



002A24



252138



342011

Complementary

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



002A24



2A0006

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.



391C1A



002A24



321D2F

Square

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



002A24



12253A



391B25



2B240C

Rectangle

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



002A24



002935



391B25



361E13

Sweetspot

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



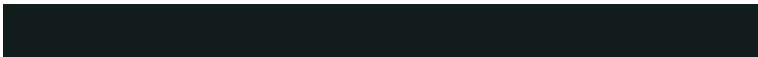
002A24



253633



062A00



121C1B



9C9C9C



1C1C1C

Same Dimension

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



002A24



00362E



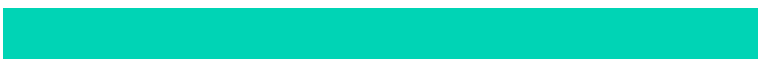
001B2A



121414



005448



00D4B5

Inverse Universe

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



2A0006



360008



2A0F00



141213



54000C



D4001E

Previews

White Background



This preview shows how the Hex color 002A24 looks on a white background.

Color Contrast Check

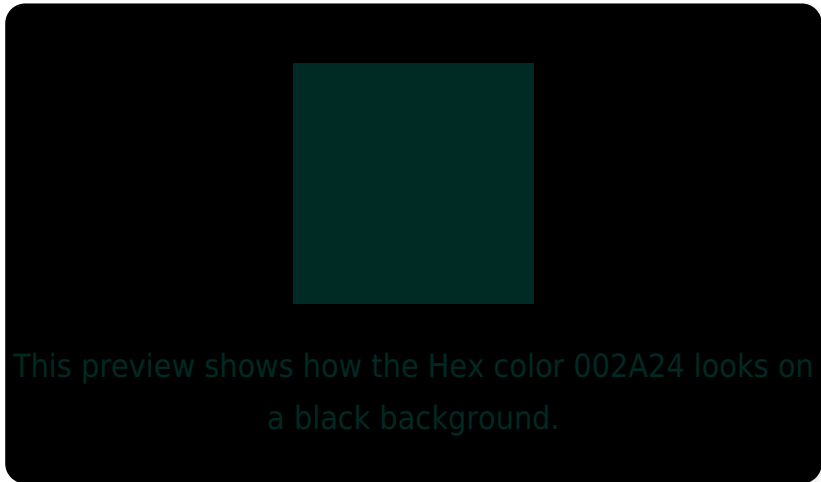
Large Text (above 18pt) WCAG AA ✓ Pass

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

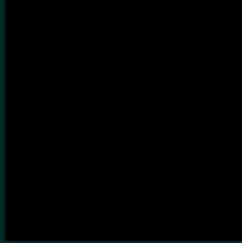
Any Text WCAG AA × Fail

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 002A24 Background



This preview shows how black text looks on a background with the Hex color 002A24.



This preview shows how white text looks on a background with the Hex color 002A24.

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
002A24

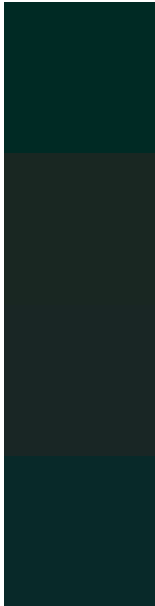
Protanopia
272521

Deuteranopia
282425



Tritanopia
0C292C

Trichromacy



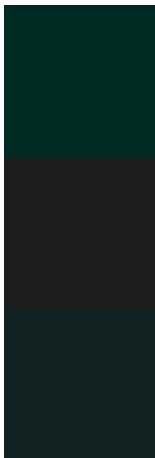
Original Color
002A24

Protanomaly
192722

Deuteranomaly
192625

Tritanomaly
082929

Monochromacy



Original Color
002A24

Achromatopsia
1D1D1D

Achromatomaly
122220

CSS Examples

Text

The CSS property to change the color of the text to Hex 002A24 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 #002A24 looks like.

```
.text, #text, p{  
    color:#002A24  
}
```

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 #002A24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002A24
}
```

Border

The CSS property to change the border of an element to Hex 002A24 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
#002A24 }
```

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

```
.border{ border-color:#002A24 }
```

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

Here you see how a box with a 4 pixel #002A24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002A24; -webkit-box-shadow:4px 4px  
4px 4px #002A24; box-shadow:4px 4px 4px  
4px #002A24 }
```

Background

The CSS property to change the background color of an element to Hex 002A24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002A24 }
```

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

```
.background{ background-color:#002A24 }
```

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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