

Converting Colors

Hex(002333)

Have a look what the booklet for
Hex(002333) contains.

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Color

Hex(002333)

Conversions

Conversions Part 1

Format	Color
Hex	002333
RGB	0, 35, 51
RGB Percent	0%, 14%, 20%
CMY	1.0000, 0.8627, 0.8000
CMYK	1.00, 0.31, 0.00, 0.80
HSL	199°, 100%, 10%
HSV	199°, 100%, 20%
XYZ	1.1986, 1.4411, 3.3470
YIQ	26.3590, -25.9960, -2.4440

Conversions

Conversions Part 2

Format	Color
RYB	0, 21, 51
Decimal	9011
CIELab	12.23, -5.29, -13.98
CIELCh	12, 14.950, 249.259
Yxy	1.4411, 0.2002, 0.2407
Android (android.graphics.Color)	4278199091 (0xFF002333)
YUV	26.3590, 12.1480, -23.1168
Hunter-Lab	12.0045, -3.1858, -8.1274

Details

The Hex color **002333** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **331000**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **324F61**, and **000001** is the 20% darker color. If you saturate the color by 10%, you get **002333**, and if you desaturate by 10%, it is **052533**.

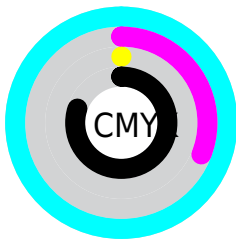
Distribution



- Red (0%)
- Green (14%)
- Blue (20%)



- Red (0%)
- Yellow (8%)
- Blue (20%)



- Cyan (100%)
- Magenta (31%)
- Yellow (0%)
- Black (80%)



- Cyan (100%)
- Magenta (86%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002333 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 002333 by changing the saturation by 10% instead.

 002333

 002333

 EBFFFF

 000D1E

 324F61

 000001

 4B677A

 000000

 638094

 7D9AAF

 98B5CA

 B3D1E6

 CFEDFF

 002333

■ 052533

■ 0A2633

■ 0F2833

■ 142933

■ 1A2B33

■ 1F2D33

■ 242E33

■ 293033

■ 2E3133

Harmonies

Analogous

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



00252D



002333



152034

Triad

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



002333



33181D



18230F

Complementary

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



002333



331000

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.



242008



002333



321913

Square

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



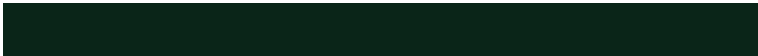
002333



2F1927



2D1D0A



0A2518

Rectangle

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



002333



201D32



2D1D0A



1C220C

Sweetspot

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



002333



2E3C42



00330F



151D21



A1A1A1



212121

Same Dimension

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



002333



002E42



000A33



17191A



003D59



0095D9

Inverse Universe

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



330023



42002D



332900



1A1719



59003D



D90095

Previews

White Background



This preview shows how the Hex color 002333 looks on a white background.

Color Contrast Check

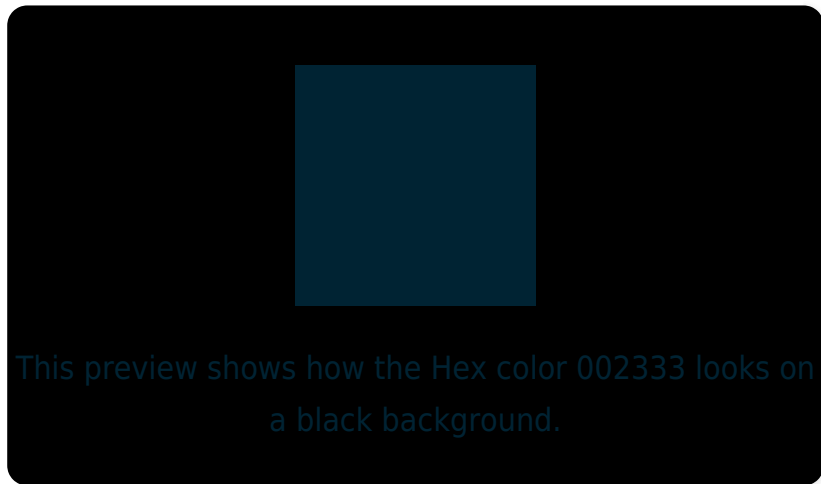
Large Text (above 18pt) WCAG AA ✓ Pass

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

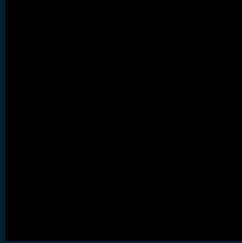
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

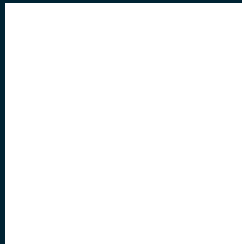
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 002333 Background



This preview shows how black text looks on a background with the Hex color 002333.



This preview shows how white text looks on a background with the Hex color 002333.

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
002333

Protanopia
1B2031

Deuteranopia
172134

Trichromacy



Original Color
002333

Protanomaly
112132

Deuteranomaly
0F2234

Monochromacy



Original Color
002333

Achromatopsia
1A1A1A

Achromatomaly
111D23

CSS Examples

Text

The CSS property to change the color of the text to Hex 002333 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 #002333 looks like.

```
.text, #text, p{  
    color:#002333  
}
```

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 #002333 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002333
}
```

Border

The CSS property to change the border of an element to Hex 002333 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
#002333 }
```

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

```
.border{ border-color:#002333 }
```

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

Here you see how a box with a 4 pixel #002333 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002333; -webkit-box-shadow:4px 4px  
4px 4px #002333; box-shadow:4px 4px 4px  
4px #002333 }
```

Background

The CSS property to change the background color of an element to Hex 002333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002333 }
```

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

```
.background{ background-color:#002333 }
```

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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