

Converting Colors

Hex(002123)

Have a look what the booklet for
Hex(002123) contains.

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Color

Hex(002123)

Conversions

Conversions Part 1

Format	Color
Hex	002123
RGB	0, 33, 35
RGB Percent	0%, 13%, 14%
CMY	1.0000, 0.8706, 0.8627
CMYK	1.00, 0.06, 0.00, 0.86
HSL	183°, 100%, 7%
HSV	183°, 100%, 14%
XYZ	0.8472, 1.2091, 1.7788
YIQ	23.3610, -20.3100, -6.3740

Conversions

Conversions Part 2

Format	Color
RYB	0, 17, 35
Decimal	8483
CIELab	10.62, -11.09, -4.84
CIELCh	11, 12.100, 203.603
Yxy	1.2091, 0.2209, 0.3153
Android (android.graphics.Color)	4278198563 (0xFF002123)
YUV	23.3610, 5.7380, -20.4876
Hunter-Lab	10.9957, -5.4890, -1.8946

Details

The Hex color **002123** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **230200**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **2E4D4F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002123**, and if you desaturate by 10%, it is **032123**.

Distribution



- Red (0%)
- Green (13%)
- Blue (14%)



- Red (0%)
- Yellow (7%)
- Blue (14%)



- Cyan (100%)
- Magenta (6%)
- Yellow (0%)
- Black (86%)



- Cyan (100%)
- Magenta (87%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002123 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 002123 by changing the saturation by 10% instead.

002123

002123

E4FFFF

00050E

2E4D4F

000000

456567

5E7E80

77989A

91B3B5

ACCFD1

C7EBED

002123

■ 032123

■ 072123

■ 0B2223

■ 0E2223

■ 122223

■ 152223

■ 192223

■ 1C2323

■ 202323

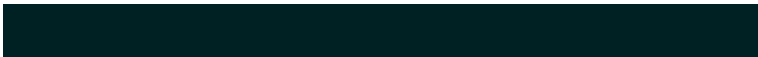
Harmonies

Analogous

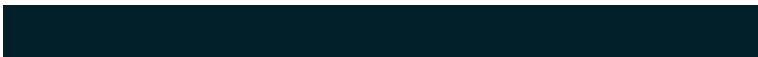
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



07211B



002123



01202A

Triad

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



002123



251827



241C09

Complementary

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



002123



230200

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.



2A190F



002123



2B161F

Square

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



002123



1B1B2C



2D1717



1C1E0B

Rectangle

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



002123



081F2C



2D1717



261B0B

Sweetspot

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



002123



202D2E



002302



0F1617



969696



171717

Same Dimension

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



002123



002B2E



001023



101212



004D52



00C5D1

Inverse Universe

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



230021



2E002B



231300



121012



52004D



D100C5

Previews

White Background



This preview shows how the Hex color 002123 looks on a white background.

Color Contrast Check

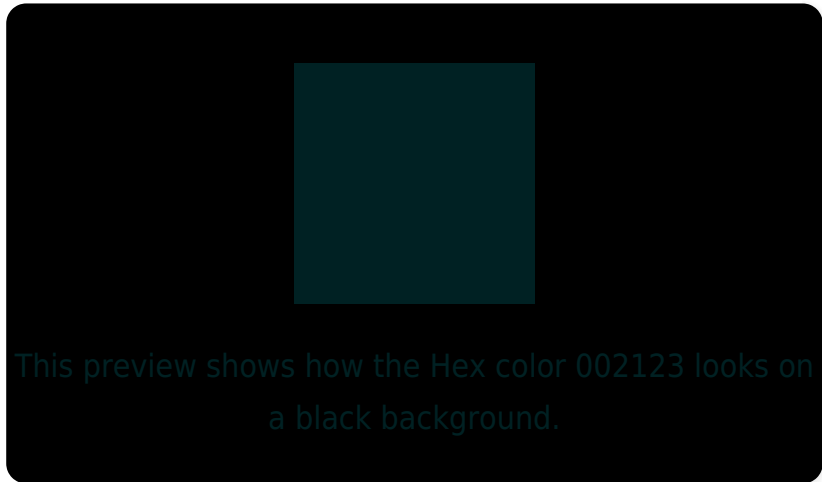
Large Text (above 18pt) WCAG AA ✓ Pass

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

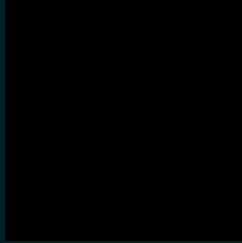
Any Text WCAG AA × Fail

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 002123 Background



This preview shows how black text looks on a background with the Hex color 002123.



This preview shows how white text looks on a background with the Hex color 002123.

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
002123

Protanopia
1D1D21

Deuteranopia
1D1D24



Tritanopia
032124

Trichromacy



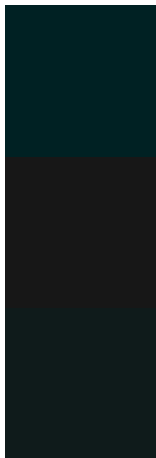
Original Color
002123

Protanomaly
121E22

Deuteranomaly
121E24

Tritanomaly
022124

Monochromacy



Original Color
002123

Achromatopsia
171717

Achromatomaly
0F1B1B

CSS Examples

Text

The CSS property to change the color of the text to Hex 002123 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 #002123 looks like.

```
.text, #text, p{  
    color:#002123  
}
```

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 #002123 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002123
}
```

Border

The CSS property to change the border of an element to Hex 002123 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
#002123 }
```

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

```
.border{ border-color:#002123 }
```

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

Here you see how a box with a 4 pixel #002123 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002123; -webkit-box-shadow:4px 4px  
4px 4px #002123; box-shadow:4px 4px 4px  
4px #002123 }
```

Background

The CSS property to change the background color of an element to Hex 002123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002123 }
```

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

```
.background{ background-color:#002123 }
```

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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